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LIST OF INTERCEPTED PLANT PESTS, 1960

(Pests Intercepted From July 1, 1959, Through June 30, 1960)

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INTRODUCTION

This 47th report of interceptions summarizes the records of plant pests found in, on, or with plants, plant products, baggage, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) held in quarters or stores of planes or ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, and the offshore possessions, including the American Virgin Islands, Guam, and Puerto Rico, or (6) in preclearance inspection at Nassau in the Bahamas.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant, or are of such limited distribution in the United States that they are worthy of mention.

The data for this list include identifications received during the fiscal year 1960 and represent some interceptions made during previous years. Determinations are largely made by specialists of the Entomology Research Division and the Plant Quarantine Division, although a certain amount of this work is done by collaborating State officials. Snail identifications are made by taxonomists in the Division of Mollusks, U.S. National Museum. Some critical studies and identifications are made by specialists of the Crops Research Division, who also identify many of the host plants.

All scientific names of insects, diseases, and hosts are reviewed by specialists of the Department to assure conformance to the International Rules of Nomenclature. However, in the disease tabulation the name of the stage found is usually listed rather than the perfect stage of the organism. Family names are listed with the insects in the tabulation; orders are shown in the host list. Classes of the diseases are given in the disease host list.

Every effort is made to give the correct origin for all collections listed. Occasionally, however, it is difficult to trace the true origin

¹ Assistance was received from Alice J. Watson, mycologist, and Paul X. Peltier, entomologist.

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of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

NOTES ON PESTS INTERCEPTED

The total number of interceptions during the fiscal year 1960 was 30,230, as compared with 25,296 the previous year. This does not include common pests which are widespread in this country and are no longer recorded. Of the total number, 8,022 interceptions were considered of enough importance to be listed. This year we have omitted many injurious insects and diseases which are established in the United States and some fungi previously listed which are not parasitic.

AIRBORNE MATERIAL

The interceptions from airborne material totaled 10,719; last year there were 8,033. Insect and snail interceptions numbered 9,812; disease and nematode interceptions, 907. There were 364 interceptions of significant insects found as stowaways in airplanes. Among the important pests arriving by air were 19 interceptions of the European cherry fruit fly, 117 of the Mediterranean fruit fly, 20 of the Mediterranean land snail, 11 of the Mexican fruit fly, 37 of the olive fruit fly, 4 of the oriental fruit fly, 7 of the pink bollworm, 84 of the West Indian fruit fly, 38 of the black spot of citrus, 79 of citrus canker, and 46 of the sweet orange scab. Increasing air travel and the high survival rate of pests arriving by air require special attention to inspection of airborne material.

FRUIT FLIES

A total of 574 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly (170 times), 166 from Mexico, 3 from Guatemala, and once from an unknown origin. The hosts were apple, grapefruit, mamey sapote, mango, peach, pear, pomegranate, quince, sour lime, sweet lime, sweet orange, and white sapote.

Anastrepha mombinpraeoptans, the West Indian fruit fly (120 times), in guava, mango, mombin, sapodilla, and tropical almond from the Bahamas, Costa Rica, Cuba, Curacao, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico.

Anastrepha serpentina (twice) in mamey sapote in air baggage from El Salvador and in sapodilla in air baggage from Nicaragua.

Anastrepha striata (once) in guava in air baggage from El Salvador.

Anastrepha suspensa (?) (twice) in guava in air baggage from Haiti and Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (173 times), an adult on a salon window of a ship arriving at Tampa, Fla., in apple, apricot, Arabian coffee berries, baggage (with chestnuts), *Coffea* sp. berries, crabapple, fig, grape, grapefruit, guava, lemon, loquat, Mandarin orange, peach, pear, persimmon, *Phaleria papuana*, pitanga, plum, pomegranate, pricklypear, quince, sweet orange, and unidentified fruit. Countries of origin were: Algeria, Argentina, Azores, Brazil, Cyprus, Europe (country(?)), Greece, Hawaii, Hungary, Indonesia, Israel, Italy, Lebanon, Morocco, Portugal, Spain, Tunisia, Turkey, Union of South Africa, United Arab Republic, and an unknown origin. *C. capitata* (?) (14 times) in Arabian coffee berries, fig, grape, guava, passionflower fruit, peach, sweet orange, and tomato from Greece, Hawaii, Italy, Portugal, Union of South Africa, and an unknown origin.

Dacus cucurbitae, the melon fly (once), in tomato in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (10 times), in guava, mango, papaya, peach, and tropical almond from Guam and Hawaii. *D. dorsalis* (?) (5 times) in Arabian coffee berries, mango, and passionflower fruit from Hawaii.

Dacus oleae, the olive fly (52 times), in olive from Greece, Israel, Italy, Lebanon, and the United Arab Republic.

Euleia heraclei(?) (once) in celery in stores from England.
Rhagoletis cerasi, the European cherry fruit fly (20 times), in cherry from Czechoslovakia, Denmark, France, Hungary, Italy, and an unknown origin.
R. cerasi(?) (3 times) in cherry from Germany, Italy, and an unknown origin.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Italy, Japan, and the Netherlands.

Adoretus sinicus (Scarabaeidae) (18 times) from Hawaii as stowaway in airplane, on *Alpinia purpurata* cut flowers, anthurium, with automobile, baggage, clothing, and mail wrapper, on mixed flowers, seeds, *Tillandsia* sp., and *Vanda* sp. orchids.
Adoxophyes orana (Tortricidae) on lilac cut flowers in aircargo from the Netherlands.

Agriotes obscurus (Elateridae) in soil with Amur chokecherry tree in aircargo from the Union of Soviet Socialist Republics.

Aleurocanthus spiniferus (Aleyrodidae) on sweet orange leaf in stores from Japan.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (17 times), from Mexico on *Citrus* sp. leaves in baggage, lime leaf in cargo, and sweet orange leaves in baggage.

Amphimallon majalis (Scarabaeidae) as stowaway on airplane from France and an unknown origin.

Blastodacna atra (Cosmopterygidae) in apple in air baggage from Turkey.

Blissus diplopterus (Lygaeidae) on peach in cargo from the Union of South Africa.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Brachycerus algirus (Curculionidae) in garlic in baggage from Italy and cargo from Spain.

Brevipalpus chilensis (Tenuipalpidae) (41 times) on custard-apple in aircargo, on grapes in cargo, and on sweet orange in stores from Chile.

Bruchus affinis (Bruchidae) in perennial pea in mail from Denmark and France and on *Lathyrus* sp. seed in mail from the Netherlands.

Callosobruchus analis (Bruchidae) in chickpea in baggage from Hong Kong and in pea in stores from China.

Carposina niponensis (Carposinidae) in apple in stores from Japan and in plum in mail from Hong Kong.

Ceroplastes rubens (Coccidae) on maile alyxia in baggage from Hawaii.

Chilo suppressalis (Crambidae), the Asiatic rice borer (13 times), in rice straw in air baggage from Japan and Korea, aircargo, air stores, and baggage from Japan, cargo from Hong Kong, Japan, and an unknown origin, and in mail from Japan.

Chrysompholus paulistus (Coccidae) on Grecian laurel in air baggage and philodendron in aircargo from Brazil.

Conotrachelus aguacatae (Curculionidae) (26 times) in avocado in air baggage and baggage from Mexico.

Coptotermes crassus (Rhinotermitidae) in pine stump in cargo from British Honduras.

Corythaica carinata (Tingidae) on *Lippia reptans* leaf in baggage from Cuba.

Cryptophlebia leucotreta (Olethreutidae) in bell pepper in stores from the Republic of the Congo and in sweet orange in stores from the Union of South Africa.

Curculio elephas (Curculionidae) (22 times) in European chestnut in air baggage and stores from France and in air baggage, baggage, and cargo from Italy; in chestnut in air baggage, baggage, cargo, and mail from Italy, air baggage and quarters from Portugal, and in air baggage from Spain; and in acorns of European turkey oak in cargo from Italy.

Curculio nucum (Curculionidae) in filbert in air baggage from Poland and mail from Italy; and in hazelnut in air baggage and baggage from Italy.

Cylas formicarius var. (Curculionidae) in *Ipomoea* sp. in aircargo from Thailand and in sweetpotato in air baggage from the Dominican Republic, aircargo from the Philippines, Singapore, and Thailand, air stores from the Federation of Malaya, cargo from Hong Kong and Japan, and stores from Thailand.

Dialeurodes kirkaliyi (Aleyrodidae) on gardenia leaves in air baggage from Lebanon and on jasmine in air baggage from Hong Kong and in air baggage and mail from Hawaii.

Diaprepes abbreviatus var. (Curculionidae) in pigeonpea pod in cargo from Puerto Rico.

Dyspessa ulula (Cossidae) (12 times) in garlic in cargo from Italy and Spain.

Epichorista ionephela (Tortricidae) in Cape chinkerichee in aircargo and mail from the Union of South Africa.

Epinotia aporema (Olethreutidae) in cowpea pod in air baggage from Argentina, in string bean in baggage and stores from Mexico, and in tomato in cargo from Mexico.

Ernobius abietis (Anobiidae) in conifer cone, probably spruce, in cargo from Germany.

Euscapes postfasciatus (Curculionidae) (16 times) in mail parcel containing peanuts and cut flowers and with pineapple in air baggage from Hawaii; and in sweetpotato in air baggage from Barbados and Japan, in baggage and mail from Puerto Rico, and in stores from Brazil and Trinidad.

Frankliniella formosae (Thripidae) (44 times) on *Arctotis stoechadifolia*, carnation, chrysanthemum, *Citrus* sp. peel, *Dianthus* sp., unidentified flowers, gardenia, gladiolus, hyacinth, lily, and rose from the Fiji Islands, Hong Kong, Japan, and the West Pacific.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from France, Israel, and the United Arab Republic, and with stores from Israel.

Gymnandrosoma auranianum (Olethreutidae) in sweet orange in air stores from Curacao.

Hellula undalis (Pyraustidae) in turnip in stores from the United Arab Republic.

Hemimene juliana (Olethreutidae) in chestnut in air baggage and baggage from Italy.

Heterobostrychus aequalis (Bostrichidae) in wooden crates in cargo from India and Vietnam.

Hypoborus ficus (Scolytidae) in fig cuttings in baggage from Israel and cargo from Yugoslavia.

Kalotermes flavicollis (Kalotermitidae) in quince in air baggage from Greece.

Lampides boeticus (Lycaenidae) (28 times) in mauna loa lei in air baggage and baggage from Hawaii, in leguminous flowers in baggage from Hawaii, in peas in stores from Japan, in sesbania flowers in mail from Hawaii, and in *Strongylo-*
lucidus in air baggage from Hawaii.

Laspeyresia faviora (Olethreutidae) in string bean in stores from Ecuador.

Laspeyresia splendana (Olethreutidae) (66 times) in baggage with lily bulbs from Italy; in chestnuts in air baggage from France, Germany, Italy, Portugal, Spain, and Yugoslavia, in baggage from Italy and Portugal, in cargo from France, Israel, and Italy, in mail from Portugal, and in stores from the Canary Islands; and in acorn in cargo from France.

Laspeyresia strobilella (Olethreutidae) in spruce cones in baggage from England and Switzerland.

Lema melanopa (Chrysomelidae) in lily-of-the-valley pips in cargo from Denmark and on rose bush in cargo from England.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Indonesia and in *Solanum* sp. in air baggage from Liberia.

Lobesia botrana (Olethreutidae) in grapes in air baggage from Italy and the United Arab Republic.

Mamestra brassicae (Noctuidae) (9 times) on cabbage in stores from Italy, on cauliflower in stores from Belgium, France, Germany, and Italy, on Chinese cabbage in stores from Japan, and on lettuce in stores from France.

Maruca testulalis (Pyraustidae) (27 times) loose in baggage, in bean, leguminous flower, lima bean, mauna loa lei, pigeonpea, string bean, sesbania flower, *Strongylo-*
lucidus, and *Strongylo-*
lucidus sp. from Hawaii, Hong Kong, and Puerto Rico.

Megastigmus limoni (Torymidae) in *Eremocitrus glauca* seed in aircargo from Australia.

Megastigmus strobilobius (Torymidae) in Norway spruce seed in cargo from Germany.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (15 times), in cotton boll in air baggage and baggage from Hawaii; on cotton leaf in air baggage from Jamaica; in cottonseed in air baggage from Hawaii, aircargo, and airmail from the Dominican Republic, in baggage from Hawaii and Mexico, and in mail from Hawaii; in seed cotton in baggage and quarters from Mexico; and in okra in air baggage from the Dominican Republic and stores from Brazil.

Perkinsiella vitiensis (Delphacidae) as stowaway on airplane from the Fiji Islands.

Petrova resinella (Olethreutidae) in Scotch pine in aircargo from the Union of Soviet Socialist Republics.

Phalonia zephyrana (Phaloniidae) in carrot in stores from Italy.

Pieris brassicae (Pieridae) on cabbage in stores from the Azores and France, on cauliflower in stores from the Azores and Italy, and with wooden crate in aircargo from Spain.

Polytus mellerborgii (Curculionidae) in banana stolon in aircargo from the Philippines.

Prays oleellus (Hyponomeutidae) in olives in air baggage and baggage from Italy.

Sesamia cretica (Noctuidae), the durra stem borer, in broomcorn stalk and corn stalk in cargo from Italy.

Sternochetus mangiferae (Curculionidae) (93 times) in mango from Australia, French Equatorial Africa (the interception was made before the country was divided), Guam, Hawaii, India, and an unknown origin.

Taeniothrips gracilis (Thripidae) (27 times) in lycoris in cargo from Japan.

Thrips imaginis (Thripidae) on gladiolus in air baggage from Australia.

Trogoderma granarium (Dermestidae), the khapra beetle (131 times), is becoming increasingly important as a quarantine problem. It was found mostly in ships' stores, in quarters, or with cargo, but once with guar gum in mail. The hosts were barley, bean, cumin seed, mung bean, myrobalan nut, peanut, pepper, pigeonpea, poppyseed, rice, soybean, and miscellaneous dry stores (including chickpea, coffee, flour, macaroni, mixed grain, pea, spaghetti, sugar, tapioca, etc.), frequently from infestations in storerooms. It was found with automobiles, old bagging, bales of rubber, debris, goat skins, guar gum, gum arabic, Karaya gum, seedlac, steel and tuna fish cartons, usually associated with used burlap or other wrappings or infesting cargo holds of ships. Infested materials were from the following countries: Asia (country(?)), Burma, Ceylon, China, England, Europe (country(?)), Formosa, Germany, Hong Kong, India, Indonesia, Iran, Japan, Kuwait, Lebanon, Netherlands, Nigeria, Pakistan, Portugal, Singapore, Sudan, Union of South Africa, United Arab Republic, and an unknown origin.

SNAILS

Snails are causing increasing concern as more species are being recognized as potential pests and greater numbers are being found with plant material and on cargo.

Bradybaena similis was intercepted 26 times on various cut flowers, foliage, and in soil with plants; 18 from Hawaii, 3 from Bermuda, 2 each from Brazil and Cuba, and 1 from Mexico.

Cochlicella barbara (29 times) on lemon in stores from Algeria; on military cargo from France, Italy, Morocco, and Spain; on mixed seeds in air baggage from Italy; and on new automobiles from France.

Cochlicella ventrosa (9 times) on geranium plants in air baggage from the Azores; lemon in stores from Algeria; lettuce in air stores from Portugal; military cargo from Bermuda, Italy, and Morocco; mint in air baggage from Bermuda; and Roman camomile in cargo from Italy.

Fourteen species of the genus *Helicella* were intercepted a total of 39 times on bell pepper, blackberry plants, cabbage, cut flowers, household goods, military cargo, new automobiles, parsley, and soil with various plants from the following countries: France, Greece, Ireland, Italy, Libya, Morocco, Portugal, Spain, and Turkey.

Monacha carthusiana with military cargo and rose petals in aircargo from France.

Opeas pumila with orchid plants in aircargo from British Honduras.

Opeas pyrgula with iris in air quarters from Japan and in soil with plants in baggage from Bermuda.

Porphyrabaphe iostoma (23 times) on bananas in cargo from Ecuador and Honduras.

Rumina decollata with orchids in cargo from Mexico.

Solaropsis monile (10 times) on bananas in cargo from Costa Rica and Ecuador.

Subulina octona (9 times) on orchids in aircargo from Jamaica and in baggage and cargo from Mexico; and in soil with assorted plants in air baggage from Brazil, Ecuador, Panama, and Venezuela.

Theba pisana, the Mediterranean land snail, was intercepted 75 times; 37 from Morocco on begonia cuttings in air baggage and on military cargo; 14 from France on cut flowers in aircargo and on automobile, motor canisters, and military cargo; 8 from Libya on military cargo; 7 from Italy as food in baggage, with other mollusks

in air baggage, on Roman camomile in cargo, and on military cargo; 7 from Spain with bell pepper in stores, on automobile in cargo, on military cargo, and on walls of hold of ship; 1 from Greece as food in baggage; and 1 from an unknown origin on dried herbs in air baggage.

Other snails of potential economic importance were: *Ceciloides acicula*, *Cepaea nemoralis*, *Helicina zephyrina*, *Helix aspersa*, *H. pomatia*, *Lamellaxis micra*, *Otala lactea*, and *O. vermiculata*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 98 times; 47 from Brazil on lemon, Mandarin orange, sour lime, and sweet orange in air baggage, air stores, quarters, and stores; 31 from Argentina on lemon, Mandarin orange, and sweet orange in air baggage, air stores, baggage, and stores; 19 from an unknown origin on Mandarin orange and sweet orange in air baggage, air quarters, and air stores; and 1 from Uruguay on sweet orange in stores.

Phoma citricarpa (perfect stage is *Guignardia citricarpa* Kiely), the black spot of citrus, was intercepted 108 times; 25 from Japan, 23 from the Union of South Africa, 14 from China, 13 from Australia, 11 from Hong Kong, 8 from Formosa, 5 from an unknown origin, 4 from Brazil, and 1 each from Africa (country?), the Federation of Malaya, Mozambique, New Zealand, and Thailand. The hosts were *Citrus* sp., grapefruit, ichandarin, lemon, Mandarin orange, pummelo, sour orange, and sweet orange.

Xanthomonas citri, citrus canker, was intercepted 140 times; 129 from Japan on *Citrus* sp., grapefruit, ichandarin, King orange, lemon, Mandarin orange, pummelo, sour lime, sour orange, and sweet orange; 4 from China on *Citrus* sp. peel and sweet orange peel; 3 from Hong Kong on *Citrus* sp. peel and sweet orange; and 1 each from India and Pakistan on sour lime, Saipan on *Citrus* sp., and an unknown origin on lemon.

Xanthomonas sp., Cancrosis B, was intercepted 7 times from Argentina on lemon in stores.

Other diseases of unusual interest were:

Dasturella divina (Syd.) Mundk. & Keshw. on dried leaves of *Sasa palmata* in cargo from Formosa.

+ *Gymnosporangium yamadae* Miy. on apple in air stores from Japan.

Heteropatella vattelinensis (Trav.) Wr. on *Dianthus* sp. in mail from Canada. *Neovossia horrida* (Tak.) Padw. & A. Khan (58 times) on rice hulls in stores from Japan.

Peronospora schachtii Fekl. on Swiss chard in stores from Japan.

+ *Phakopsora gossypii* (Arth.) Hirat. f. (*Cerotelium desmum*) on cotton leaves in preflight inspection of baggage from the Bahamas.

Puccinia nakansihikii Diet. on lemongrass leaves in stores from Japan.

+ *Puccinia oncidii* Cummins on *Oncidium* spp. leaves in aircargo from Brazil and Ecuador.

Puccinia praegracilis Arth. var. *praegracilis* Savile (*Aecidium graebnerianum* P. Henn.) on *Habenaria* spp. in aircargo from Alaska.

Sphaceloma spondiadis Bitanc. & Jenkins on vi-apple in air baggage from British Guiana.

Sphenospora kevorkianii Linder on *Huntleya burtii* leaf in air baggage from Panama.

Uredo nidularii P. Henn. on tillandsia in cargo from Mexico.

Uredo oncidii P. Henn. on *Oncidium* spp. leaves in aircargo from British Honduras, Guatemala, Panama, and Peru on orchid leaf in air baggage from Haiti.

Uromyces fabae (Grev.) Cke. on lentil stems in air baggage and cargo from Chile and in stores from Germany, and on vetch plants in air baggage from Portugal.

NEMATODES

Anquina tritici in wild einkorn seeds from straw jackets in cargo from Italy(?). *Aphelenchoides blastophthorus* in lily-of-the-valley plants in baggage from England.

Aphelenchoides fragariae(?) in hyacinth bettilla stems in cargo from Japan.

Ditylenchus destructor in dahlia roots in mail from Switzerland and the Union of South Africa, and in tigerflower bulbs in mail from Germany.

Ditylenchus dipsaci in onion in mail from the Netherlands, in garlic in cargo from Mexico, and in narcissus in airmail and mail from England.

Gotholdsteinera goodeyi in soil with unidentified plants in air baggage from Canada.

Helicotylenchus nannus in soil with begonia plants in air baggage from Portugal and baggage from Mexico, soil with cactus and crocus plants in baggage from Mexico, soil with fern and mint roots in air baggage from Mexico, and soil with geranium and rose plants in baggage from Mexico.

Heterodera avenae, the oat nematode (4 times), in soil with new Jaguars in cargo from England, in soil with cabbage in air baggage from Ireland, and in soil with potatoes in stores from England.

Heterodera cacti (25 times) in soil samples, soil with the following plants: Begonia, cactus, citrus, coleus, Crassulaceae, spearmint, and various potted plants, and soil with railway cars. The countries of origin were: Brazil, Germany, Mexico, New Zealand, and Switzerland.

Heterodera punctata (11 times) in soil with automobiles in cargo from England, soil with heather in mail from Scotland, soil with Indiarubber fig in baggage from Mexico, soil with malvaceous plant in air baggage from Czechoslovakia, soil with philodendron plants in baggage from Canada, soil with plants in baggage from Mexico, and soil with rose roots in baggage from Northern Ireland.

Heterodera rostochiensis, the golden nematode (19 times), from soil in a small vial in air baggage, soil with calla lily and unidentified plants in baggage, soil with new and used automobiles and spruce in cargo, and soil with beet, celery, horseradish, leek, potato, and ullucus tuber in stores. The countries of origin were: Argentina, England, Germany, Mexico, Peru, and Spain.

Meloidogyne arenaria, *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*, rootknot nematodes, were intercepted from Australia, Brazil, Cuba, Dominican Republic, England, Germany, Guatemala, Haiti, Japan, Kenya, Mexico, Netherlands, and Northern Ireland. The hosts were begonia and euphorbia in baggage; astilbe, beautyberry roots, caladium, calla lily, clematis, common edelweiss, coriander, dahlia, echeveria, gladiolus corms, hepatica, tomato roots, and tuberose bulbs in aircargo and cargo; acanthus roots, *Adenia globosa* plant, clockvine, dahlia, rose roots, and winged euonymus in airmail and mail; and dasheen and potato in stores.

Pratylenchus penetrans in dahlia in mail from Australia, Canada, and the Union of South Africa.

Pratylenchus pratensis in Japanese iris roots in mail from Czechoslovakia.

Psilenchus hilarulus in soil with fern and with dead plant in baggage from Mexico.

Scutellonema brachyurum in soil with cactus and unidentified plants in baggage from Mexico.

Tylenchorhynchus capitatus in soil with unidentified plants in air baggage from Jamaica and baggage from Mexico.

Xiphinema americanum in soil with gardenia plant in baggage from Mexico.

INCOMPLETELY DETERMINED PESTS

Specific determinations are sometimes not possible, due to the stage or condition of the insects or pathogens when intercepted or the fact that they are undescribed. Many of these pests may be of economic importance, unreported from the United States or the country of origin, or unknown on the host plant. As a matter of record the significant ones are included in this separate list, but not in the table. This year there were 2,897 insects, 600 diseases, and 229 nematodes, or a total of 3,276 incompletely determined interceptions considered to be important.

FRUIT FLIES

There were 183 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *dissimilis* Stone, at Philadelphia, Pa., in giant grana-dilla in stores from the Dominican Republic.

Anastrepha sp., possibly *fraterculus* (Wied.), at New York, N.Y., in mango in baggage from Brazil; and at Philadelphia, Pa., in sweet orange in stores from Brazil.

Anastrepha sp., possibly *ludens*, at Brownsville, Tex., in sweet orange in air stores from Mexico; at Eagle Pass, Tex., in apple, cherimoya, and pear in baggage from Mexico; at El Paso, Tex., in pear, sweet orange, and white sapote in baggage from Mexico; at Laredo, Tex., in sweet orange in baggage from Mexico;

at Nogales, Ariz., in sweet orange in air baggage from Mexico; and at San Ysidro, Calif., in sweet orange in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Miami, Fla., in mango in air baggage from El Salvador, Nicaragua, and Panama, in purple mombin in air baggage from Costa Rica and Honduras, and in *Spondias* sp. in air quarters from Colombia; at New Orleans, La., in mamey sapote in air baggage from Nicaragua, in mango in air baggage from El Salvador and Guatemala, in purple mombin and *Spondias* sp. in air baggage from Guatemala, and in tropical almond in air baggage from Jamaica; at New York, N.Y., in mango and sweet orange in air stores from an unknown origin; at Philadelphia, Pa., in mango in baggage from Puerto Rico; at San Pedro, Calif., in guava in air baggage from Venezuela; and at San Ysidro, Calif., in guava in baggage from Mexico.

Anastrepha sp., possibly *serpentina*, at El Paso, Tex., in mamey sapote in baggage from Mexico; at Miami, Fla., in quince in air baggage from Peru; and at Laredo, Tex., in mamey sapote in baggage from Mexico.

Anastrepha sp., prob. *striata*, at El Paso, Tex., in guava in baggage from Mexico; at Houston, Tex., in guava in baggage from Costa Rica and Honduras; at Laredo, Tex., in guava in baggage from Mexico; at Miami, Fla., in guava in air baggage from Mexico; at New Orleans, La., in guava in air baggage from Costa Rica; at Nogales, Ariz., in *Psidium* sp. in woman's purse from Mexico; and at San Pedro, Calif., in guava in air baggage from El Salvador, Mexico, and Nicaragua.

Anastrepha sp., probably *suspensa*, at Chicago, Ill., in guava in airmail from Puerto Rico; at Key West, Fla., in guava in air baggage from Cuba; at Miami, Fla., in guava in air baggage from Cuba and tropical almond in air baggage from Jamaica; at New York, N.Y., in guava in air baggage from Cuba and tropical almond in air baggage from Jamaica; and at San Juan, P.R., in guava in pre-flight inspection of baggage.

Anastrepha sp. was intercepted a total of 84 times at the following ports: Baltimore, Md., Brownsville, Tex., Chicago, Ill., Eagle Pass, El Paso, Galveston, Hidalgo, and Houston, Tex., Jacksonville, Fla., Laredo, Tex., Miami, Fla., New Orleans, La., New York, N.Y., Nogales, Ariz., Port Arthur, Tex., Port Everglades, Fla., St. Thomas and St. John, U.S.V.I., San Juan, P.R., San Pedro, Calif., and Tampa, Fla. The hosts were: Apple, Barbadoscherry, cherimoya, coffee berry, grapefruit, guava, mamey, mamey sapote, Mandarin orange, mango, *Matisia cordata* ("chupa-chupa"—a new host for *Anastrepha*), *Myrtus ehrenbergii*, peach, peach-palm nut, pear, purple mombin, quince, sapodilla, *Spondias* sp., star-apple, sweet orange, and yellow mombin. The countries of origin were: Argentina, Brazil, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Tortola, Venezuela, West Indies, and an unknown origin. *Anastrepha* sp. (?) at Brownsville, Tex., in mango in baggage from Mexico; and at New Orleans, La., in mango in air baggage from Guatemala.

Ceratitidis sp., probably *capitata*, at Boston, Mass., in peach in air stores from an unknown origin.

Dacus sp., probably *cucurbitae*, at Seattle, Wash., in zucchini squash in stores from Hawaii.

Dacus sp., probably *dorsalis*, at Honolulu, Hawaii, in Indiapoon beautyleaf nut in mail from Hawaii.

Dacus sp., possibly *vertebratus* Bezzi, at New York, N.Y., in cucumber in stores from the Union of South Africa.

Dacus sp., at Boston, Mass., in cucumber in stores from the Republic of Mali; at Honolulu, Hawaii, in candlenut tree fruit, cattley guava, and coffee berries in preflight inspection of baggage, in mango in air stores from the Fiji Islands and the Philippines, in pepper in air baggage from Japan, and in solanaceous fruit in air baggage from the Philippines; and at Seattle, Wash., in guava in air baggage from the Philippines. *Dacus* sp. (?) at Honolulu, Hawaii, in *Phaseolus* sp. and tropical almond in mail from Hawaii and in fruit of Sapotaceae in air baggage from the Philippines; and at Savannah, Ga., in sweet orange in stores from Mozambique.

Rhagoletis sp., probably *cerasi*, at New York, N.Y., in cherry in air stores from Spain.

Rhagoletis sp., at Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in *Crataegus* sp. in baggage from Mexico; at Laredo, Tex., in apple in baggage from Mexico; and at New York, N.Y., in cherry in air baggage from Ireland.

Tephritidae, genus near *Euaresta*, species unidentified, at Washington, D.C., in *Helichrysum* sp. and *Helipterum incanum* seeds in aircargo from Australia.

Tephritidae, probably genus and species of Tephritinae, at New York, N.Y., in strawflower in air baggage from Bermuda.

Tephritidae, identified to family only (7 times), at Brownsville, Tex., in guava in aircargo from Colombia; at Honolulu, Hawaii, in pepper in air stores from the West Pacific and in stores from the Fiji Islands, and in watermelon in air stores from the Philippines; at Laredo, Tex., in sweet orange in baggage from Mexico; at Miami, Fla., in coffee berry in air baggage from Brazil; and at New York, N.Y., in jujube in air baggage from Lebanon.

Tephritis sp., near *multiguttata* Beek., at New York, N.Y., in dried herbs in air baggage from England.

INSECTS OTHER THAN FRUIT FLIES

Aeolothrips sp., near *ericae* Bagn. (Aeolothripidae), not presently represented in the National Museum collection, at New York, N.Y., on calla lily in aircargo from Israel.

Aldiodes sp. (Curculionidae) at New York, N.Y., in sweetpotato in stores from Liberia.

Aleuroplatus n. sp. (Aleyrodidae) at Key West, Fla., on rose leaf in baggage from Cuba; at Progreso, Tex., on citrus leaf in baggage from Mexico; and at San Pedro, Calif., on rose leaf in air baggage from El Salvador.

Aleurotrachelus sp., probably undescribed (Aleyrodidae), at Miami, Fla., on leaf of an aquatic plant in aircargo from Peru. We have no previous records of aleyrodids on aquatic plants.

Aleyrodidae, genus uncertain, perhaps *Aleurotuberculatus* n. sp., at New York, N.Y., on *Baccaurea* sp. leaf in aircargo from Thailand.

Apion sp., probably *carduorum* (Curculionidae), at New York, N.Y., in globe artichoke in baggage from Italy and stores from Greece.

An apparent new species of the subfamily Bagoini (Curculionidae) at Miami, Fla., on burhead plants in aircargo from Peru.

Baris sp. (Curculionidae) at Galveston, Tex., in horseradish in stores from Germany; and at Philadelphia, Pa., in turnip in stores from France.

Brachyrhinus sp., possibly *singularis* (L.) (Curculionidae), at New York, N.Y., in cyclamen tuber in air baggage from Italy.

Chlorochroa sp. (?) (Pentatomidae), not in the National Museum collection, at McGuire Air Force Base, N.J., on crates in aircargo from Spain.

Chrysolina sp., possibly *cerealis* (L.) (Chrysomelidae), at New York, N.Y., with rosemary in baggage from Italy.

Chrysomela sp., probably *chlorina* Maulik (Chrysomelidae), not in the National Museum collection, at New York, N.Y., on orchid plants in aircargo from India.

Cladius sp., probably *difformis* (Panz.) (Tenthredinidae), at New York, N.Y., on cut roses in air baggage from England.

Cleonus sp. (Curculionidae) at Baltimore, Md., in beet in stores from the United Arab Republic; and at New York, N.Y., in beet in stores from Israel.

Coccotrypes sp., probably *surinamensis* Schedl (Scolytidae), at New York, N.Y., in palm seed in aircargo from Brazil.

Conoderus sp., near *lividus* (DeG.) (Elateridae), at Miami, Fla., as stowaway in airplane from Venezuela; at New Orleans, La., as stowaway in airplane from Central America; and at San Juan, P.R., on *Epidendrum* sp. plants in aircargo from Panama.

Conoderus sp., probably *rufangulus* (Gyll.) (Elateridae), at New York, N.Y., in grape in cargo from Chile.

Ctenicera sp., probably *aeneus* (L.) (Elateridae), at Washington, D.C., in soil with Amur chokecherry tree in aircargo from the Union of Soviet Socialist Republics.

Cylas sp. (Curculionidae) at Baltimore, Md., in sweetpotato in stores from Nigeria; at Mobile, Ala., in sweetpotato in stores from Liberia; and at New York, N.Y., in sweetpotato in cargo from Liberia.

Diaprepes sp. (Curculionidae) at St. Thomas & St. John, U.S.V.I., in sweetpotato in cargo from St. Kitts, B.W.I.

Epicaerus sp. (Curculionidae) at Brownsville and Presidio, Tex., in potato in baggage from Mexico; and at Tampa, Fla., in potato in stores from Mexico.

Eriosoma sp. (Aphidae) at Miami, Fla., on apple in air baggage from Venezuela, in air stores from Argentina and Brazil, and in stores from Germany and Japan; and at New York, N.Y., on apple in cargo from Chile.

Eulia sp. (Tortricidae) at New York, N.Y., in grape, nectarine, peach, and plum in cargo from Chile.

Frankliniella sp., undescribed (Thripidae), at New York, N.Y., on cut gladiolus in aircargo from Israel. A really distinct undescribed species, very rare.

Gymnandrosoma sp. (Olethreutidae) at Chicago, Ill., in guava in airmail from Puerto Rico; at Miami, Fla., in cacao pod in air baggage from Barbados and in jujube in air baggage from Mexico; and at Mobile, Ala., in cacao pod in baggage from Trinidad.

Heilipus sp. (Curculionidae) at Brownsville, Tex., in avocado seed in baggage from Mexico; at El Paso, Tex., in avocado in cargo from Mexico; at Laredo, Tex., on orchids in cargo from Mexico; at San Diego, Calif., in avocado in stores from Panama; and at San Pedro, Calif., in avocado seed in air baggage from Guatemala.

Heterotermes sp., probably *cardini* (Snyder) (Rhinotermitidae), at New York, N.Y., in tomato in cargo from the Dominican Republic. A very destructive termite to buildings and crops.

Hyperodes sp. (Curculionidae) at Philadelphia, Pa., in carrot in stores from Brazil.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in stores from Italy and Sierra Leone; at Eagle Pass, Tex., in grain sweepings from railway car from Mexico; at Houston, Tex., in beet in stores from the United Arab Republic; at New York, N.Y., in beet in stores from Israel; and at Philadelphia, Pa., in beet in stores from Peru and the United Arab Republic.

Lygaeidae, new genus near *Cligenes*, at Brownsville, Tex., on bromeliad in cargo from Mexico. New genus near *Ozophora* at Laredo, Tex., on bromeliad in cargo from Mexico.

Lygaeus (?) n. sp. (*Lygaeidae*), new to the National Museum collection, at Laredo, Tex., on orchid plant in baggage from Mexico.

Megastigmus sp., possibly *pictus* Mayr (Torymidae), at Hoboken, N.J., in white spruce seed in cargo from Denmark.

Melanthrips sp., probably *ficalbii* Buffa (Aeolothripidae), not presently represented in the National Museum collection, at New York, N.Y., on calla lily in aircargo from Israel.

Metamasius sp., near *rugipectus* Champ. (Curculionidae), at Laredo, Tex., on bromeliad plant in baggage from Mexico.

Periphyllus sp., perhaps *kuwanaii* Takah. (Aphidae), at Honolulu, Hawaii, on maple tree in air baggage from Japan.

Phyllobius sp. (Curculionidae) at Hoboken, N.J., in wood moss with apple and quince stock in cargo from France.

Phyllotreta sp., possibly *nemorum* (L.) (Chrysomelidae), at New York, N.Y., in apple in baggage from Norway.

Phytophaga sp. (Cecidomyiidae) at Hoboken, N.J., in Norway spruce seed in cargo from Germany.

Pineus sp. (Chermidae), different from any seen from the United States, at Washington, D.C., on *Pinus sibirica* in aircargo from the Union of Soviet Socialist Republics.

Podapion sp., *gallicola* Riley or n. sp. (Curculionidae), at Laredo, Tex., on pine in cargo from Mexico. First record of the genus from Mexico.

Polychisme sp. (*Lygaeidae*) at Brownsville, Tex., in *Chamaedorea* sp. seed in cargo from Mexico. This is a South American genus; first record so far north.

Premnotrypes sp. (Curculionidae) at Houston, Tex., in potato in stores from Peru; at Miami, Fla., in potato in air baggage from Colombia; at New Orleans, La., in potato in stores from Peru; and at San Pedro, Calif., in potato in air baggage from Peru.

Psyllodes sp., probably *chrysocephala* (L.) (Chrysomelidae), at Boston, Mass., on parsley in air stores from England.

Stenotarsonemus sp., probably n. sp. (Tarsonemidae), at Miami, Fla., on passionflower fruit in air baggage from Colombia.

Strophosoma sp. (Curculionidae) at Chicago, Ill., with forest litter packing in mail from Germany; and at Hoboken, N.J., in wood moss with apple and quince stocks in cargo from France.

Tenuipalpus sp., probably n. sp. (Tenuipalpidae), at Washington, D.C., on *Spathiphyllum* sp. in aircargo from Indonesia.

Tetralicia n. sp. (Aleyrodidae) at Nogales, Ariz., on breadnut tree in baggage from Mexico.

Tetranychus n. sp. (Tetranychidae) at Honolulu, Hawaii, on carnation flower in air baggage from Japan.

Trionymus sp. (Coccidae), not placed as a described species, at Hoboken, N.J., on cactus in mail from England.

DISEASES

Incompletely determined pathogens of special interest were:

Ascochyta sp. at El Paso, Tex., on lentil seed in mail from Germany. This is the first report on this host as far as is known.

Cercospora sp., close to *sapindi* Obregon-Brotere, at Miami, Fla., on genip fruit in air baggage from Nicaragua. No *Cercospora* has been previously reported on this host.

Cercospora sp. at Brownsville, Tex., on *Aglaonema* sp. leaf in cargo from Mexico; and at Miami, Fla., on philodendron leaf in air baggage from Jamaica.

Coniothyrium sp. at Honolulu, Hawaii, on lemon in air stores from Australia, on Mandarin orange in air quarters and air stores from Japan, and on sweet orange in air baggage and air stores from Japan.

Elsinoe sp. (not typical) at San Juan, P.R., on lemon in air stores from the West Indies.

Elsinoe sp. at Miami, Fla., on Satsuma orange in air baggage from Argentina and in air stores from South America.

Gloeosporium sp. at Key West, Fla., on *Myroxylon pereirae* seed pod in air baggage from Cuba. No previous reports on this host as far as known.

Helminthosporium sp. at New York, N.Y., on *Trema guineensis* leaf in air cargo from Liberia.

Phyllosticta sp. at Brownsville, Tex., on peperomia leaf in cargo from Mexico (first report on this host as far as known); and at New York, N.Y., on *Trema guineensis* leaf in air cargo from Liberia.

Sphenospora sp. at Miami, Fla., on *Ionopsis utricularioides* leaf in air baggage from Jamaica.

Stagonospora sp. at Boston, Mass., on red pepper in stores from Mozambique. First report of this on *Capsicum* as far as known.

NEMATODES

Aphelenchoides sp. at Brownsville, Tex., in tuftroot in cargo from Mexico; at Hoboken, N.J., in cyclamen tuber in cargo from Italy and in dahlia root in mail from Belgium, Canada, and Switzerland; at Nogales, Ariz., in soil with caladium plant in baggage from Mexico; at San Diego, Calif., in ginger root in stores from Japan; and at San Ysidro, Calif., in Indianrubber fig roots in air baggage from Mexico.

Aphelenchus sp. at Hoboken, N.J., in cyclamen tuber in cargo from Italy.

Criconeoides sp. at Laredo, Tex., in soil with *Cymbopogon* sp. and *Ipomoea* sp. plants in baggage from Mexico.

Ditylenchus sp. at New Orleans, La., in garlic in cargo from Italy.

Helicotylenchus sp. at Boston, Mass., in canna roots in air baggage from the Azores; at Brownsville, Tex., in soil with begonia plant in baggage from Mexico; at El Paso, Tex., in soil with various plants in baggage from Mexico; at Laredo, Tex., in amaryllis roots, grass roots, soil with azalea, lily, and various plants in baggage from Mexico and in soil with railway car from Mexico; and at Nogales, Ariz., in soil with *Eriobotrya* sp. in baggage from Mexico.

Heterodera sp., probably *rosiochiensis*, at Boston, Mass., in soil with potato in stores from Spain.

Heterodera sp., probably *trifolii* (Goffart) Oostenbrink, at Boston, Mass., in soil with spruce in cargo from Germany.

Other members of the genus *Heterodera* were intercepted 113 times at 23 ports from the following countries: Argentina, Australia, Austria, Azores, Barbados, Belgium, Bermuda, British Honduras, Canada, Czechoslovakia, England, Estonia, Federation of Malaya, France, Germany, Greece, Ireland, Italy, Japan, Korea, Mexico, Netherlands, New Zealand, Northern Ireland, Norway, Scotland, Sweden, United Arab Republic, and an unknown origin. These were taken from air baggage and baggage in soil samples and soil with the following plants: Begonia, chrysanthemum, cyclamen, *Dianthus* sp., fern, fig, forget-me-not, geranium, heather, herb, lemon, *Mespilus* sp., mint, oregano, philodendron, rose, shamrock, silver crassula, strawberry, sweetpotato, tree tomato, various unidentified plants, violet, and wormwood; from airmail and mail in soil with asters, fig cuttings, gladiolus, pansy plants, and shamrock plants; from cargo in soil with new and used automobiles, cabbage, cycad plant, lily bulb, potato, tanks, and trucks; and from stores in soil with beet, burdock, cabbage, carrot, celeriac, horseradish, leek, onion, parsley, parsnip, potato, rutabaga, salsify, and turnip.

Hoplotainus sp. at Laredo, Tex., in grass roots and in soil with unidentified plant in baggage from Mexico.

Meloidogyne sp., possibly *arenaria*, at Hoboken, N.J., in iris roots in mail from India.

Meloidogyne sp., probably *hapla*, at Hoboken, N.J., in rose plant in mail from Germany.

Meloidogyne sp., probably *incognita acrita*, at Washington, D.C., in *Piper* sp. in airmail from the Netherlands.

Meloidogyne sp. at Brownsville, Tex., in tuftroot in cargo from Mexico; at Hoboken, N.J., in achimenes tubers in aircargo from India, in African agapanthus roots in cargo and mail from Japan, in anemone roots in mail from England, in astilbe roots in mail from England and cargo from the Netherlands, in begonia tubers in mail from Japan, in bigleaf goldenray roots in cargo from Germany, in caladium tubers in cargo from Guatemala, in calla lily tubers in baggage from Tanganyika, cargo from France and Japan, and mail from India, in clematis roots in airmail and mail from England and cargo from the Netherlands, in cohosh bugbane roots in mail from England, in coralbells in cargo from the Netherlands, in dahlia roots in mail from France, in epimedium roots in airmail from England, in geranium in airmail from England and cargo from the Netherlands, in gerbera roots in mail from India, in Japanese iris in cargo from Japan, in monkshood roots in mail from England, in peony in cargo from the Netherlands, in plantain lily roots in cargo from Japan, in rose plants in mail from France, Germany, and Portugal, in tree peony roots in cargo from Japan, in tuberose bulb in mail from India, and in turmeric rhizome in mail from India; at Laredo, Tex., in beet roots, elephantear, lime seedling, and succulent plant in baggage from Mexico; at Philadelphia, Pa., in potato in stores from Brazil; at San Diego, Calif., in sweetpotato tuber in stores from Mexico; and at San Francisco, Calif., in begonia tuber and gladiolus corm in cargo from Japan, and in resurrection lily in aircargo from Singapore.

Pratylenchus sp. at Boston, Mass., in soil with unidentified plants in air baggage from Finland; at Brownsville, Tex., in heliconia roots in cargo from Mexico; and at Hoboken, N.J., in roots of astilbe, Christmas-rose, clematis, coral torchlily, fringed iris, *Helleborus odoratus*, Japanese iris, and phlox in cargo, and in monkshood roots in mail from the Netherlands; in clematis roots in mail from England; and in Japanese iris in cargo from Japan.

Psilenchus sp. at El Paso, Tex., in soil with rose plant in baggage from Mexico.

Rhabditis sp. at San Diego, Calif., in ginger root in stores from Japan.

Rotylenchulus sp. at Miami, Fla., in soil with miscellaneous plants in air baggage from Jamaica.

Scutellonema sp. at Laredo, Tex., in soil with plants in baggage from Mexico.

Trophurus sp., possibly a new species, at Brownsville, Tex., in soil with begonia plant in baggage from Mexico.

Tylenchorhynchus sp. at Laredo, Tex., in soil with begonia plant and unidentified plant in baggage from Mexico; and at Nogales, Ariz., in soil with coleus and philodendron in baggage from Mexico.

Tylenchus sp. at El Paso, Tex., in soil with dead plants and rose plant in baggage from Mexico.

Xiphinema sp. at Laredo, Tex., in selaginella roots in cargo and in soil with yam in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:					
Africa (country(?))	0	1	Europe—Continued		
Algeria	3	0	Greece	40	2
Canary Islands	1	0	Hungary	7	0
Cape Verde Islands	5	0	Ireland	18	3
French Equatorial Africa	1	0	Italy	338	19
Kenya	0	1	Italy(?)	0	1
Liberia	1	0	Luxembourg	3	0
Libya	10	0	Netherlands	89	21
Morocco	72	0	Northern Ireland	1	2
Morocco(?)	1	0	Norway	13	0
Mozambique	0	1	Poland	6	0
Nigeria	3	0	Portugal	32	4
Republic of the Congo	3	0	Rumania	1	0
Sudan	7	0	Scotland	21	1
Tunisia	1	0	Spain	31	4
Union of South Africa	26	36	Sweden	10	0
United Arab Republic	11	0	Switzerland	7	33
Asia:					
Asia (country(?))	1	0	Union of Soviet Socialist Republics	2	2
Burma	2	2	Yugoslavia	3	1
Ceylon	8	0	North America:		
China	5	18	Alaska	0	2
Cyprus	2	0	Bermuda	14	3
Federation of Malaya	1	1	Canada	2	7
Formosa	17	9	Central America:		
Formosa(?)	1	0	British Honduras	12	2
Hong Kong	26	14	Canal Zone	9	8
India	48	3	Central America (country(?))	2	0
Indonesia	5	0	Costa Rica	16	12
Iran	6	1	El Salvador	25	0
Israel	22	0	Guatemala	25	12
Japan	476	382	Honduras	6	0
Japan(?)	4	1	Nicaragua	17	2
Korea	2	0	Panama	22	3
Kuwait	1	0	Mexico	417	67
Lebanon	8	0	West Indies:		
Pakistan	8	1	Antigua	5	0
Singapore	9	0	Bahamas	5	6
Thailand	4	2	Barbados	4	0
Turkey	7	1	British West Indies	1	0
Vietnam	2	0	Cuba	69	9
Australasia:					
American Samoa	8	0	Curacao	3	0
Australia	11	33	Dominican Republic	14	0
Australia(?)	1	0	Grand Cayman	1	0
Fiji Islands	3	0	Haiti	11	2
Guam	4	3	Jamaica	42	2
Hawaii	423	3	Netherlands West Indies	1	0
Hawaii(?)	1	0	Puerto Rico	29	1
Kwajalein(?)	1	0	Trinidad	10	2
Midway Islands	1	0	South America:		
Netherlands New Guinea	1	0	Argentina	6	41
New Guinea	1	0	Brazil	51	67
New Zealand	2	21	British Guiana	4	1
Norfolk Island	0	8	Chile	102	5
Okinawa	2	0	Colombia	13	2
Philippines	18	0	Ecuador	97	4
Salpan	0	1	Peru	5	4
South Pacific	1	0	Surinam	2	0
Tahiti	3	0	Uruguay	0	1
Wake Island(?)	4	0	Venezuela	4	0
West Pacific	6	0	Totals:		
Europe:					
Austria	2	1	Africa	145	39
Azores	24	0	Asia	665	435
Belgium	22	5	Australasia	491	69
Czechoslovakia	1	3	Europe	851	157
Denmark	19	0	North America	782	140
England	46	25	South America	284	125
England(?)	0	1	Unknown	106	27
Europe (country(?))	1	0	Total	3,304	992
Finland	0	1	Total incompletely determined pests	2,897	829
France	78	4	Total insect interceptions	6,201	1,821
France(?)	1	0	Total disease interceptions		8,022
Germany	43	22	Grand total*		
Germany(?)	1	0			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific significance. The total of all interceptions made during the year was 30,230.

NOTE.—Interceptions were also made from the American Virgin Islands, Angola, Anguilla, Aruba, Bolivia, British Samoa, British Virgin Islands, Cayman Islands, Christmas Island, Eniwetok, Estonia, Ghana, Guernsey, Johnston Island, Jordan, Madeira Islands, Malta, Martinique, St. Kitts, St. Lucia, Sierra Leone, Tanganyika, Tortola, and Wales.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthoderes circumflexa</i> Jaq. Duv. (Cerambycidae): Airplane	Cuba		1		Fla.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)	Panama	1			N.Y.
<i>Acerin macrocheilus</i> (Nal.) (Eriophyidae): <i>Acer pseudoplatanus</i> (planetree maple)	France		2		Mass.
<i>Aceria macrohynchus</i> (Nal.) (Eriophyidae): <i>Acer pseudoplatanus</i> (planetree maple)	do		1		Mass.
<i>Achaea janata</i> (L.) (Noctuidae): Mall parcel	Hawaii	1			Hawaii.
<i>Acledra fraterna</i> (Stal) (Pentatomidae): <i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae): <i>Allium porrum</i> (leek)	Italy, Japan, Netherlands		9		N.Y., Pa., S.C.
<i>Aculus aceris</i> (Nal.) (Eriophyidae): <i>Acer pseudoplatanus</i> (planetree maple)	France		2		Mass.
<i>Adela ochsenheimerella</i> (Hbn.) (Adelidae): <i>Pinus</i> sp. (pine)	Switzerland	1			N.Y.
<i>Adoretus sinicus</i> (Burm.) (Scarabaeidae): Airplane	Hawaii		1		Hawaii.
<i>Alpinia purpurata</i> (cut flowers)	do	1			Hawaii.
<i>Anthurium</i> sp.	do	1			Hawaii.
Automobile	do	1			Hawaii.
Baggage	do	4			Hawaii.
Clothing	do	1			Hawaii.
Flowers—mixed	do	4			Hawaii.
Mail wrapper	do	1			Hawaii.
Seeds	do	1			Hawaii.
<i>Tillandsia</i> sp.	do	1			Hawaii.
<i>Vanda</i> sp. (orchid) flowers	do	2			Hawaii.
<i>Adoxophyes orana</i> (F.R.) (Tortricidae): <i>Syringa</i> sp. (lilac) cut.	Netherlands	4			N.Y.
<i>Aethus indicus</i> (Westw.) (Cydnidae): Airplane	Japan, Philippines, West Pacific		3		Hawaii.
<i>Aganactesis indecora</i> Dyar (Galleriidae): <i>Cassia</i> sp. (senna) seed pod	Jamaica			2	Fla.
<i>Agriotes lineatus</i> (L.) (Elateridae): <i>Solanum tuberosum</i> (potato)	Spain		1		Pa.
<i>Agriotes obscurus</i> (L.) (Elateridae): Soil with <i>Prunus maackii</i> (Amur chokecherry)	Union of Soviet Socialist Republics			1	D.C.
<i>Aleurocanthus spiniferus</i> (Q.) (Aleyrodidae): <i>Citrus sinensis</i> (sweet orange) leaf	Japan		1		Wash.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i> (lime) leaf	Mexico	1			Tex.
<i>C. sinensis</i> (sweet orange) leaf	do	3			Tex.
<i>Citrus</i> sp. (leaf)	do	13			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae): <i>Gardenia augusta</i> (leaf)	Cuba	1			Fla.
<i>Mentha</i> sp. (mint) leaf	Mexico			1	Calif.*
<i>Aleurolobus olivinus</i> Silvestri (Aleyrodidae): <i>Olea europaea</i> (olive) leaf	Cyprus, Italy	2			N.Y.
<i>Aleurolobus laonabae</i> Kuwana (Aleyrodidae): <i>Vitis</i> sp. (grape) leaf	Japan			1	D.C.
<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae): <i>Gardenia</i> sp. (leaf)	Mexico	1			Tex.
<i>Aleuroplatus variegatus</i> Q. & B. (Aleyrodidae): <i>Chamaedorea elegans</i> (palm) leaf	do	1			Tex.
<i>Chamaedorea</i> sp. (leaf)	do	2			Tex.
Leaf—unidentified	do	1			Ariz.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae): <i>Gardenia augusta</i> (leaf)	Guatemala	1			Fla.
<i>Aleurotuberculatus similis</i> Takah. (Aleyrodidae): <i>Camellia japonica</i> var. <i>rusticana</i>	Japan			1	D.C.
<i>Ilex crenata</i> <i>radicans</i>	do			1	D.C.
<i>I. leptacantha</i>	do			1	D.C.
<i>Aleyrodes proletella</i> L. (Aleyrodidae): <i>Clematis</i> hybrid	England			1	N.J.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alpheias conspurata</i> Hein. (Galleriidae):	Mexico	1			Tex.
<i>Ananas comosus</i> (pineapple)					
<i>Amphimallon majalis</i> Raz. (Scarabaeidae):	France, unknown		2		N.J., N.Y.
Airplane					
<i>Amyna natalis</i> (Wlk.) (Noctuidae):	Japan		1		Hawaii
Airplane					
<i>Anacridium aegyptium</i> L. (Acrididae):	Italy	1			N.Y.
Baggage					
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote)	Mexico	4			Ariz., N.Y.
<i>Casimiroa edulis</i> (white sapote)	do.	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	8			Ariz., Calif., Tex.
<i>C. aurantium</i> (sour orange)	do.	1			Tex.
<i>C. paradisi</i> (grapefruit)	do.	11			Tex.
<i>C. sinensis</i> (sweet orange)	Guatemala, Mexico, unknown	93	9		Ala., Ariz., Calif., Fla., La., N.Y., Tex., Va.
<i>Cydonia oblonga</i> (quince)	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do.	2			Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	27	1		Ariz., Calif., Fla., Ill., La., Tex.
<i>Prunus persica</i> (peach)	Mexico	2			Tex.
<i>Punica granatum</i> (pomegranate)	do.	4			Ariz., Tex.
<i>Pyrus communis</i> (pear)	do.	5	1		Tex.
<i>Anastrepha mombinpraecoptans</i> Sein (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Curacao	1			N.Y.
<i>Mangifera indica</i> (mango)	Bahamas, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico	78	17		Ala., Calif., Fla., Ga., Ill., La., Mass., N.Y., Pa., P.R., S.C., Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	1			N.Y.
<i>Spondias mombin</i> (yellow mombin)	Bahamas, Costa Rica, El Salvador, Guatemala, Nicaragua, Puerto Rico	14			Calif., Fla., P.R.
<i>Spondias purpurea</i> (purple mombin)	El Salvador, Guatemala, Mexico, Panama	6			Fla., Tex.
<i>Spondias</i> sp. (mombin)	Guatemala	2			La.
<i>Terminalia catappa</i> (tropical almond)	Jamaica	1			Calif.*
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Nicaragua	1			Calif.*
<i>Calocarpum sapota</i> (mamey sapote)	El Salvador	1			Calif.*
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava)	do.	1			Calif.*
<i>Anastrepha suspensa</i> (Loew) (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			P.R.
<i>Psidium</i> sp.	Haiti	1			Fla.
<i>Anechura vara</i> Scudd. (Forficulidae):					
Orchid	Mexico			1	Tex.
<i>Anomala orientalis</i> Waterh. (Scarabaeidae):					
Airplane	Haiti, Japan		2		Fla., Hawaii
<i>Iris tingitana</i> x <i>I. zippium</i> 'Wedgewood'	Israel			1	D.C.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Bromeliad	Mexico			1	Tex.
<i>Antonina graminis</i> Mask. (Coccidae):					
<i>Pterostylis</i> sp. (orchid)	Singapore			1	Hawaii.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
Palm (leaf)	Japan		1		Calif.*
<i>Apton carduorum</i> Kirby (Oureulionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France, Italy	1	2		N.Y.
<i>Araceus leipennis</i> Jord. (Anthribidae):					
<i>Leucaena glauca</i>	Hawaii	1			Hawaii.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of Interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Archips pronubanus</i> (Hbn.) (?) (Tortricidae):					
<i>Diospyros</i> sp. (persimmon)	Italy	1			N.Y.
<i>Jasminum</i> sp. (jasmine)	do.			2	N.Y.
<i>Prunus domestica</i> (plum)	Portugal	1			N.Y.
<i>Punica granatum</i> (pomegranate)	Greece, Italy	2			N.Y.
<i>Arcte coerula</i> (Guen.) (Noctuidae):					
Airplane	Japan(?)		1		Hawaii.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):					
<i>Rosa</i> hybrid	Italy, Portugal	1		1	Mass.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	France(?), Germany, Norway, Sweden, unknown	13	1		Calif., * N.Y.
<i>Arion ater</i> (L.) (Arlonidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Azores, Portugal		2		Fla., N.Y.
<i>Lactuca sativa</i> (lettuce)	France, Spain		2		N.Y.
<i>Urginea maritima</i> (shore drugsquill)	Portugal			1	D.C.
<i>Aspidiotus palmarum</i> Ockl. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae):					
Orchid	Brazil			1	Fla.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid) flowers	Hawaii	2			Hawaii.
<i>Aulacoscelis melanocera</i> Dup. & Chev. (Chrysomelidae):					
<i>Dioon edule</i>	Mexico			1	Tex.
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Armoracia rusticana</i> (horseradish)	Austria, Yugoslavia	1		1	N.Y.
<i>Batrachra linariae</i> Clarke (Cosmopterygidae):					
<i>Agave shawii</i>	Mexico			1	Calif.
<i>Bemisia giffardi</i> (Kot.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange) leaf	Hawaii			1	Hawaii.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona muricata</i> (soursoop)	Venezuela		1		Pa.
<i>Bergallia signata</i> (Stal) (Cicadellidae):					
Flowers—mixed	Chile		1		Fla.
<i>Blastodacna atra</i> (Haw.) (Cosmopterygidae):					
<i>Malus sylvestris</i> (apple)	Turkey	1			N.J.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Prunus persica</i> (peach)	Union of South Africa	1			N.Y.
<i>Bothynus cuniculus</i> (Fab.) (Scarabaeidae):					
Quarters (of tanker)	Unknown		1		St. Thomas & St. John.
<i>Brachymerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	2			N.Y.
<i>Brachymerus agilis</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	3			N.Y.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae):					
<i>Celosia</i> sp. (cockscorn)	Mexico	1			Tex.
<i>Eryngium foetidum</i>	Cuba	1			Fla.
Flowers—mixed	Hawaii	4			Hawaii.
<i>Licuala</i> sp. (palm)	Cuba	1			N.Y.
<i>Mentha</i> sp. (mint)	Bermuda	1			N.Y.
Orchid	Brazil, Hawaii			2	Calif., * Fla.
Soil with plants	Bermuda, Brazil		1	1	Fla., N.Y.
<i>Tagetes florida</i> (marigold)	Bermuda	1			N.Y.
<i>Vanda Joaquimiae</i> (orchid)	Hawaii	2			Hawaii.
<i>Vanda</i> sp.	do.	9		2	Calif., * Hawaii.
<i>Brevipalpus chilensis</i> Baker (Tenuipalpidae):					
<i>Annona reticulata</i> (custard-apple)	Chile	1			Fla.
<i>Citrus sinensis</i> (sweet orange)	do.		1		Fla.
<i>Vitis</i> sp. (grape)	do.	39			N.Y.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Argentina		1		Fla.
<i>Crassula</i> sp.	Netherlands			1	D.C.
Palm	Japan		1		Calif.*
<i>Rhododendron</i> sp.	do.			1	D.C.
<i>Rosa</i> hybrid	Argentina		1		Fla.
<i>Vitis</i> sp. (grape)	Chile	2			N.Y.
<i>Bruchidius trifolii</i> (Mots.) (Bruchidae):					
<i>Trifolium incarnatum</i> (crimson clover) seed	Italy			1	S.C.

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Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Bruchus affinis</i> Froel. (Bruchidae):	Denmark, France			2	Minn., N.J.
<i>Lathyrus latifolius</i> (perennial pea)	Netherlands			1	N.J.
<i>Lathyrus</i> sp. (seed)					
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):	Greece		1		N.O.
<i>Vicia faba</i> (broadbean)					
<i>Bruchus guttalis</i> Rey (Bruchidae):	France	1			N.Y.
<i>Vigna sativa</i> (vetch) straw jacket					
<i>Bruchus lentis</i> Froel. (Bruchidae):	Italy		1		N.Y.
<i>Lens culinaris</i> (lentil)					
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):	do	1			N.Y.
<i>Lens culinaris</i> (lentil)					
<i>Bruchus tristis</i> Boh. (Bruchidae):	do	1			Ill.
<i>Lathyrus</i> sp. (seed)	do	1			N.Y.
<i>Vicia faba</i> (broadbean)					
<i>Cactophagus validirostris</i> (Gyll.) (Curculionidae):	Mexico	1			Tex.
<i>Philodendron hastatum</i>					
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):	Japan	1			N.J.
<i>Camellia japonica</i>	do	1	1		Fla., Hawaii
Wood—unidentified					
<i>Callosobruchus analis</i> (F.) (Bruchidae):	Hong Kong	1			N.Y.
<i>Cicer arietinum</i> (chickpea)	China		1		Wash.
<i>Pisum sativum</i> (pea)					
<i>Callosobruchus fabaeoli</i> (Gyll.) (Bruchidae):	Republic of the Congo	1			N.Y.
<i>Dolichos lablab</i> (hyacinth bean)	Cape Verde Islands	3			N.Y.
<i>Phaseolus vulgaris</i> (bean)	Hawaii	1			Hawaii.
<i>Sesbania</i> sp. (flowers)					
<i>Callosobruchus subinnotatus</i> (Pic) (Bruchidae):	Cape Verde Islands	1			N.Y.
<i>Phaseolus vulgaris</i> (bean)					
<i>Calyptosephala gerstaeckeri</i> Boh. (Chrysomelidae):	Mexico	1			Tex.
<i>Chamaedorea oblongata</i> (palm)					
<i>Calyptosephala marginipennis</i> Boh. (Chrysomelidae):	do	2			Tex.
<i>Chamaedorea elegans</i> (palm)					
<i>Capaneus tetricus</i> Stal. (Coreidae):	do			1	Tex.
<i>Bromelia</i> sp.					
<i>Carposina niponensis</i> Wghm. (Carposinidae):	Japan		2		Calif.,* Hawaii.
<i>Malus sylvestris</i> (apple)					Mich.
<i>Prunus domestica</i> (plum)	Hong Kong	1			
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):	Republic of the Congo, Philippines	2			Hawaii, N.Y.
<i>Tamarindus indica</i> (tamarind)					
<i>Cassida nebulosa</i> (L.) (Chrysomelidae):	Netherlands			1	N.J.
Moss (packing)					
<i>Cassida sanguinolenta</i> Müll. (Chrysomelidae):	Italy			1	N.Y.
<i>Cynara scolymus</i> (globe artichoke)					
<i>Cassida vibex</i> L. (Chrysomelidae):	do	1			N.Y.
<i>Cynara scolymus</i> (globe artichoke)					
<i>Catacanthus carrenoi</i> (LeGuillou) (Pentatomidae):	Formosa		1		Hawaii.
<i>Airplane</i>					
<i>Catorama herbarium</i> Gorham (Anobiidae):	Hawaii	1			Pa.
Burlap					
<i>Ceritoides acicula</i> (Müller) (Achatinidae):	Germany	1			Mich.
Soil	Italy, Panama, Turkey			5	Fla., Mass.
Soil with various plants	Greece			1	Mass.
<i>Trifolium</i> sp. (clover)					
<i>Cepaea nemoralis</i> (L.) (Helicidae):	England	1			Md.
Automobile					
<i>Cephaloleia pretiosa</i> Baly (Chrysomelidae):	Panama	1			N.Y.
<i>Musa paradisaca</i> (plantain)					
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):	Italy	1			N.Y.
Baggage (with <i>Castanea</i> sp.)	Greece	1			N.Y.
<i>Citrus limon</i> (lemon)	Cyprus, Italy, Turkey	1	2		Fla., N.Y., N.O.
<i>C. paradisi</i> (grapefruit)					Fla., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange)	Algeria, Italy, Spain, Tunisia	4	3		Fla., Ga., Md., Mass., N.J., N.Y., Pa., Tex.
<i>C. sinensis</i> (sweet orange)	Brazil, Israel, Italy, Portugal, Spain, Union of South Africa	8	10		

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Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>eratitis capitata</i> —Continued					
<i>Coffea arabica</i> (Arabian coffee).....	Brazil, Hawaii.....	30			Calif., * Fla., Hawaii.
<i>Coffea</i> sp.....	Brazil.....	4			Fla., N.Y.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy, Lebanon.....	5			N.Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	4			N.Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores, Italy.....	3			Mass., N.Y.
<i>Eugenia uniflora</i> (pitanga).....	Hawaii.....	1			Hawaii.
<i>Ficus carica</i> (fig).....	Argentina, Greece, Israel, Italy, United Arab Republic.....	16			Fla., Mass., N.Y.
Fruit—unidentified.....	Hawaii.....	2			Hawaii.
<i>Malus sylvestris</i> (apple).....	Azores, Israel, Italy, Portugal.....	6	4		Fla., Mass., N.Y.
<i>Malus</i> sp.....	Azores, Italy.....	3	1		N.Y.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	8			
<i>Opuntia</i> sp. (cactus) fruit.....	do.....	2			N.Y.
<i>Phaleria papuana</i> (seed of fruit).....	Indonesia.....			1	D.C.
<i>Prunus armeniaca</i> (apricot).....	Italy.....		1		N.Y.
<i>P. domestica</i> (plum).....	Unknown.....	1			
<i>P. persica</i> (peach).....	Azores, Greece, Italy, Portugal, Spain, Union of South Africa, unknown.....	16	14		Fla., Mass., N.Y., P.R.
<i>Psidium guajava</i> (guava).....	Azores, Israel, Portugal.....	4			Mass., N.Y.
<i>Punica granatum</i> (pomegranate).....	Hawaii, Israel, Italy.....	3			Hawaii, N.Y.
<i>Pyrus communis</i> (pear).....	Azores, Greece, Hungary, Italy, unknown.....	10	2		Mass., N.J., N.Y.
Quarters (on window).....	Unknown.....			1	Fla.
<i>Vitis</i> sp. (grape).....	do.....			1	N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (sweet orange).....	do.....		1		N.J.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	5			Hawaii.
<i>Ficus carica</i> (fig).....	Greece, Italy.....	3			N.Y.
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....	1			Hawaii.
<i>Passiflora</i> sp. (passionflower) fruit.....	Portugal.....	1			Mass.
<i>Prunus persica</i> (peach).....	Italy.....	1			N.Y.
<i>Psidium guajava</i> (guava).....	Hawaii.....	1			Hawaii.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N.Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursoop).....	Haiti.....	1			N.Y.
<i>A. reticulata</i> (custard-apple).....	British Honduras.....	1			Fla.
<i>Cerestium unicolor</i> (F.) (Cerambycidae):					
Flowers (leis).....	Hawaii.....	1			Hawaii.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Alyzia olivaeformis</i> (maile alyxia).....	do.....	1			Calif.*
<i>Cerotoma ruficornis</i> (Ol.) (Chrysomelidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			P.R.
<i>Cucumis sativus</i> (cucumber).....	British West Indies.....	1			St. Croix.
<i>Phaseolus vulgaris</i> (bean).....	Cuba.....	1			Fla.
<i>Ceutorhynchus pleurostigma</i> (Mshl.) (Curculionidae):					
<i>Brassica rapa</i> (turnip).....	France, Italy.....		2		Calif.*
<i>Chalciope hyppasia</i> (Cram.) (Noctuidae):					
Airplane.....	Okinawa.....		1		Hawaii.
<i>Chalepus acuticornis</i> Chap. (Chrysomelidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Chalepus omoger</i> Cr. (Chrysomelidae):					
Bromeliad.....	Guatemala.....			1	Fla.
<i>Charidotis seminulum</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm).....	Mexico.....	1			Tex.
<i>Chamaedorea</i> sp.....	do.....	1			Tex.
<i>Citro lofini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	14			Ariz., Tex.
<i>Citro suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice) straw.....	Hong Kong, Japan, Korea, unknown.....	11	2		Calif., Calif., * Fla., Hawaii, Tex., Wash.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chrysolina americana</i> (L.) (Chrysomelidae): <i>Rosmarinus officinalis</i> (rosemary)	Italy	1			N.Y.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Cocos nucifera</i> (coconut)	Costa Rica	1			Calif.*
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae): <i>Citrus sinensis</i> (sweet orange)	Japan		2		Calif.*
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae): <i>Spondias mombin</i> (yellow mombin)	Costa Rica, El Salvador, Nicaragua	4			Calif.*
<i>Chrysomphalus paulistus</i> (Hempel) (Coccidae): <i>Laurus nobilis</i> (Grecian laurel)	Brazil	1			Fla.
<i>Philodendron</i> sp.	do			2	D.C.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Citrus aurantifolia</i> (lime)	Brazil, Costa Rica	1	1		Calif.*
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Mangifera indica</i> (mango)	Nicaragua	1			Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae): <i>Chamaedorea pygmaea</i>	Mexico			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae): <i>Cattleya</i> sp. (orchid)	Costa Rica			1	Calif.*
<i>Chigenes delineata</i> (Dist.) (Lygaeidae): Bromeliad	Mexico			1	Tex.
Orchid	Central America (country ?)			1	Tex.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae): Palm (seed)	Brazil			1	N.Y.
<i>Coccus pseudomagnoliarum</i> (Kuw.) (Coccidae): <i>Citrus aurantium</i> (sour orange)	Japan		1		Calif.*
<i>Coccus viridis</i> (Green) (Coccidae): <i>Gardenia augusta</i>	Hawaii	16	3	1	Calif.*
<i>G. taitensis</i>	do	1			Calif.*
<i>Gardenia</i> sp.	do	1			Calif.*
<i>Cochlicella barbara</i> (L.) (Helicellidae): Automobile	France	1			La.
<i>Citrus limon</i> (lemon)	Algeria		1		Wash.
Military cargo	France, Italy, Morocco, Spain	26			La., N.Y., S.C., Va.
Seed—mixed	Italy			1	Mich.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae): <i>Anthemis nobilis</i> (Roman camomile)	do	1			Calif.*
<i>Citrus limon</i> (lemon)	Algeria		1		Wash.
<i>Lactuca sativa</i> (lettuce)	Portugal		1		Mass.
<i>Mentha</i> sp. (mint)	Bermuda	1			N.Y.
Military cargo	Bermuda, Italy, Morocco	4			Mass., S.C.
<i>Pelargonium</i> sp.	Azores			1	Mass.
<i>Coelonertus nigriristris</i> Solari (Curculionidae): <i>Chamaedorea</i> sp. (palm)	Mexico	1			Tex.
<i>Conoderus azoricus</i> Tarnier (Elateridae): Military cargo	Azores	1			Del.
<i>Conoderus bifoveatus</i> (Palis.) (Elateridae): Paper	Unknown		1		P.R.
<i>Conoderus exul</i> (Sharp) (Elateridae): <i>Anthurium</i> sp.	Hawaii	2			Hawaii.
Foliage	do	1			Hawaii.
<i>Heliconia</i> sp. (flowers)	do	1			Hawaii.
Mail parcel	do	1			Hawaii.
Orchid (flowers)	do	1			Hawaii.
<i>Schinus</i> sp. (berry)	do	1			Hawaii.
<i>Vanda</i> sp. (orchid) flowers	do	3			Hawaii.
<i>Conoderus pallipes</i> (Esch.) (Elateridae): Airplane	Unknown, Wake Island (?)		2		Hawaii.
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae): <i>Prunus persica nectarina</i> (nectarine)	Chile	1			N.Y.
<i>Vitis</i> sp. (grape)	do	11			N.Y.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae): <i>Chrysanthemum</i> sp. (flowers)	Mexico	1			Tex.
Herbarium specimens	Guatemala	1			Tex.
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid) flowers	do	1			Hawaii.

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):	Mexico	24	1	1	Calif., Tex.
<i>Persea americana</i> (avocado)					
<i>Conotrachelus perseeae</i> Barber (Curculionidae):	Guatemala, Mexico	3			Tex.
<i>Persea americana</i> (avocado)					
<i>Copris hispanus</i> L. (Scarabaeidae):	Morocco (?)	1			Va.
<i>Orate</i>					
<i>Coptotermes crossus</i> Snyder (Rhinothritidae):	British Honduras	1			La.
<i>Pinus</i> sp. (pine)					
<i>Coptotermes vastator</i> Light (Rhinothritidae):	Philippines	1			Hawaii.
<i>Areca catheda</i> (betel palm) nuts					
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):	Union of South Africa	1			La.
<i>Khaya</i> sp. (African mahogany)					
<i>Corythaica carinata</i> Uhler (Tingidae):	Cuba	1			Fla.
<i>Lippia reptans</i> (leaf)					
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):	Netherlands New Guinea, New Guinea			2	D.C.
<i>Musa paradisica</i> (plantain)					
<i>Crambus ligonellus</i> Zell. (Crambidae):					
Airplane	Puerto Rico		1		P.R.
<i>Cretonotos gangis</i> (L.) (Arctiidae):					
Airplane	Unknown		1		Hawaii.
<i>Cyphula apaticus</i> (Dist.) (Lygaeidae):					
Orchid (plant)	Honduras			1	Fla.
<i>Cyphula fasciata</i> (Dist.) (Lygaeidae):					
<i>Ischnomera major</i> (orchid)	Canal Zone			1	Hawaii.
<i>Cryptoblabes gaidella</i> (Mill.) (Phycitidae):					
<i>Citrus limon</i> (lemon)	Portugal		1		Mass.
<i>C. sinensis</i> (sweet orange)	Italy, Portugal	2	2		Fla., N.Y.
<i>Prunus persica</i> (peach)	Italy		1		N.Y.
<i>Punica granatum</i> (pomegranate)	Greece, Israel, Italy, Lebanon, Portugal, Spain	30			N.Y.
<i>Cryptocephalus zerampellinus</i> Suffr. (Chrysomelidae):					
<i>Gardenia augusta</i> (flower)	Cuba	1			N.Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	1			Hawaii.
<i>Macadamia ternifolia</i>	do.	1			Hawaii.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Capiscum frutescens grossum</i> (bell pepper)	Republic of the Congo		1		Md.
<i>Citrus sinensis</i> (sweet orange)	Union of South Africa		1		Fla.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Clothing	Hawaii	1			Hawaii.
<i>Triticum aestivum</i> (wheat)	Brazil	1			Fla.
<i>Ctenochira hectica</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea elegans</i> (palm)	Mexico	1			Tex.
<i>Ctenochira hieroglyphica</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	do.	1			Tex.
<i>Ctenochira plicata</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	do.	1			Tex.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea sativa</i> (European chestnut)	France, Italy	7	1		N.Y., P.R.
<i>Castanea</i> sp. (chestnut)	Italy, Portugal, Spain	12	1		Calif.,*N.Y., Pa.
<i>Quercus cerris</i> (European Turkey oak)	Italy			1	N.J.
<i>Curculio nucum</i> L. (Curculionidae):					
<i>Corylus avellana</i> (filbert)	Italy, Poland	1		1	N.J., N.Y.
<i>Corylus</i> sp. (hazelnut)	Italy	2			N.Y.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Hong Kong, Philippines	6		1	Hawaii.
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Dominican Republic, Federation of Malaya, Hong Kong, Japan, Philippines, Singapore, Thailand	12	2		Hawaii, N.Y., Oreg.
<i>Ipomoea</i> sp.	Thailand	1			Hawaii.

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<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
Baggage (with <i>Ananas comosus</i>)	Hawaii	1			Hawaii.
<i>Ipomoea batatas</i> (sweetpotato)	Antigua, Cuba, Curacao, Dominican Republic, Guatemala, Haiti, Mexico.	14	12		Ala., Fla., Ga., Mass., N.Y., N.C., Pa., St. Croix, Tex. Tex.
<i>Ipomoea</i> sp.	Cuba		1		
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	China, Hong Kong	3			Hawaii.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Carica papaya</i> (papaya)	do	1			Hawaii.
<i>Mangifera indica</i> (mango)	do	3	2		Calif.*
<i>Persea americana</i> (avocado)	do	2			Hawaii.
<i>Psidium guajava</i> (guava)	Guam	1			Calif.*
<i>Terminalia catappa</i> (tropical almond)	Hawaii	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Coffea arabica</i> (Arabian coffee)	do	2			Hawaii.
<i>Mangifera indica</i> (mango)	do	2			Hawaii.
<i>Passiflora</i> sp. (passionflower) fruit	do	1			Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)	Greece, Israel, Italy, Lebanon, United Arab Republic.	52			Mass., Mich., N.Y.
<i>Deloyala guttata bohemanii</i> Spaeth (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Delphacodes teapae</i> (Fowler) (Delphacidae):					
<i>Echinodorus</i> sp.	Peru			1	Fla.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	do			1	Tex.
<i>Dercynus micronyz</i> Champ. (Curculionidae):					
<i>Brownia grandiflora</i> (seed)	Trinidad			1	Fla.
<i>Deuterochampa atomaculata</i> Stal (Chrysomelidae):					
<i>Chamaedorea elegans</i> (palm) leaf	Mexico	1			Tex.
<i>Diabrotica lepida</i> (Say) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Diabrotica porracea</i> Har. (Chrysomelidae):					
Bromeliad	do			1	Ariz.
<i>Diachus auratus</i> F. (Chrysomelidae):					
<i>Agave victoriae-reginae</i>	do			1	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.	Netherlands			31	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange) leaf	Cuba	1			Fla.
<i>Citrus</i> sp. (leaf)	El Salvador, Mexico	2			Calif.,* Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (leaf)	Lebanon			1	N.Y.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	Hawaii.
<i>Jasminum</i> sp.	Hawaii, Hong Kong			2	Hawaii.
<i>Dialeurodes vulgaris</i> Singh (?) (Aleyrodidae):					
<i>Jasminum</i> sp. (jasmine)	India			1	Wash.
<i>Diaphania itysalis</i> (Wlk.) (Pyraustidae):					
Airplane	Japan(?)			1	Hawaii.
<i>Diaprepes abbreviatus</i> (L.) var. (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P.R.
<i>Diaprepes famelicus</i> (Oll.) var. (Curculionidae):					
<i>Amaryllis</i> sp. (flower)	Bermuda	1			N.Y.
<i>Dictyophorus spumans</i> (Thunb.) (Acrididae):					
None (live entomological specimen)	Union of South Africa	1			N.Y.
<i>Dictpus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Italy			1	Tex.

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<i>Dicyphus stachydis</i> Rent. (Miridae):					
<i>Rumex</i> sp. (dock)	Ireland			1	N.Y.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (?)	Peru	1			N.Y.
<i>Diocalandra taiensis</i> (Guer.) (Curculionidae):					
Airplane	Unknown		1		Hawaii.
<i>Cocos nucifera</i> (coconut)	Hawaii	5			Hawaii.
<i>Dynatospechus calandroides</i> Zimm. (Curculionidae):					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	do	1			Hawaii.
<i>Dyscinetus laevipunctatus</i> Bates (Scarabaeidae):					
Automobile	Mexico		1		Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	12			La., N.Y., P.R.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Cassia</i> sp. (senna)	Hawaii	1			Hawaii.
<i>Ceratonia siliqua</i> (carob) bean	Italy, Lebanon	3			N.Y.
<i>Cydonia oblonga</i> (quince)	Greece	1			N.Y.
<i>Eriobotrya japonica</i> (loquat)	Italy	1			N.Y.
<i>Juglans regia</i> (English walnut)	Greece	1			N.Y.
<i>Juglans</i> sp. (walnut)	Italy, Portugal	2			N.Y.
<i>Punica granatum</i> (pomegranate)	Greece, Israel, Italy	7			Mass., N.Y.
<i>Pyrus communis</i> (pear)	Italy	1			N.Y.
<i>Samanea saman</i> (raintree saman) pod	Hawaii	1			Hawaii.
<i>Tamarindus indica</i> (tamarind) pod	Jamaica, Japan (?), Philippines	2		1	Fla., Wash.
<i>Ectomyelois muriscis</i> (Dyar) (Phycitidae):					
<i>Ceratonia siliqua</i> (carob) pod	Jamaica	1			Tex.
<i>Enterolobium cyclocarpum</i>	Mexico			1	Tex.
<i>Edessa rufomarginata</i> (DeGeer) (Pentatomidae):					
Cargo	British Honduras	1			Fla.
<i>Empoasca flavescens</i> (F.) (Cicadellidae):					
Plants—unidentified	Netherlands			1	N.J.
<i>Ephestia calidella</i> (Guen.) (Phycitidae):					
<i>Ceratonia siliqua</i> (carob)	Italy	1			N.Y.
<i>Epichorista ionephela</i> (Meyr.) (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichie)	Union of South Africa	3			N.Y.
<i>Epilachna borealis</i> (F.) var. (Coccinellidae):					
Orchid	Mexico			1	Tex.
<i>Epilachna mexicana</i> (Guer.) (Coccinellidae):					
<i>Pinus</i> sp. (pine) cone	do	1			Tex.
<i>Epinotia agorema</i> (Wism.) (Olethreutidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Phaseolus vulgaris</i> var. (string bean)	do	1	1		Tex.
<i>Vigna sinensis</i> (cowpea)	Argentina	1			Fla.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Bursus sempervivens</i> (common boxwood)	Netherlands			3	N.J.
<i>Ernobius abietis</i> F. (Anobiidae):					
<i>Picea</i> sp. (?) cones	Germany	1			Md.
<i>Eutheola rugiceps</i> (LeG.) (Scarabaeidae):					
Airplane	Unknown			1	Hawaii.
<i>Euleia heraclei</i> (F.) (?) (Tephritidae):					
<i>Apium graveolens</i> (celery)	England			1	N.Y.
<i>Euricania splendida</i> (Fab.) (Ricanidae):					
Airplane	Unknown			1	Hawaii.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
Baggage (with <i>Ananas comosus</i>)	Hawaii	1			Hawaii.
<i>Ipomoea batatas</i> (sweetpotato)	Barbados, Brazil, Japan, Puerto Rico, Trinidad	4	8		Ala., Hawaii, N.Y., Pa.
Mail (peanuts and cut flowers)	Hawaii	3			Hawaii.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	2			Tex.
<i>Evergestis forficata</i> (L.) (Pyraustidae):					
<i>Brassica oleracea</i>	Belgium		1		Tex.
<i>B. oleracea botrytis</i> (cauliflower)	France, Norway		2		N.Y.
<i>B. oleracea capitata</i> (cabbage)	Belgium, France		2		N.Y., Tex.
<i>Evetria tessulata</i> Stögr. (?) (Olethreutidae):					
<i>Cupressus</i> sp. (cypress) cones	France	1			N.Y.
<i>Exopochiomeria formosa</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			2	Tex.

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<i>Eryptochiroma oblonga</i> (Stal) (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed)	Mexico	1			Ariz.
<i>Fieberocapus flaveolus</i> (Reut.) (?) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Florinia theae</i> Green (Coccidae):					
<i>Camellia granthaminana</i>	Hong Kong			1	D.C.
<i>Forficula aetolica</i> Brunn. (Forficulidae):					
<i>Punica granatum</i> (pomegranate)	Greece	1			N.Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Arctotis niochadifolia</i>	Japan	1			Hawaii.
<i>Chrysanthemum</i> sp.	do	5	2		Hawaii.
<i>Citrus</i> sp. (peel)	Hong Kong	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Japan	20	3		Hawaii.
<i>Dianthus</i> sp.	do		3		Hawaii.
Flowers (lel)	Fiji Islands	1			Hawaii.
<i>Gardenia augusta</i>	West Pacific		1		Hawaii.
<i>Gladiolus</i> hybrid	Japan		1		Hawaii.
<i>Hyacinthus orientalis</i> (common hyacinth)	do	1			Hawaii.
<i>Lilium longiflorum</i> (Easter lily)	do	1			Hawaii.
<i>L. medeoloides</i> (wheel lily) bulb	do			1	D.C.
<i>Lilium</i> sp.	do				Hawaii.
<i>Rosa</i> hybrid	do	2			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Callistephus chinensis</i> (China aster)	France	1			N.Y.
<i>Calluna vulgaris</i> (heather) flowers	Germany	1			N.Y.
<i>Chrysanthemum</i> sp. (flowers)	England, Germany, unknown.	3	1		N.Y., Pa.
<i>Dianthus caryophyllus</i> (carnation) flowers	Germany, Netherlands, Norway.	3			Mass., N.Y.
Flowers—mixed	Denmark, England, France, Germany, Netherlands, Sweden, unknown.	8	5		Mass., N.Y.
<i>Gladiolus</i> hybrid (flowers)	Germany	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N.Y.
<i>Lathyrus odoratus</i> (sweetpea) flowers	Netherlands	1	1		N.Y.
Malvaceae (flowers)	France	1			N.Y.
Plants—unidentified	Netherlands			3	N.J.
<i>Rosa</i> hybrid (flowers)	Austria, England, Germany, Poland, Sweden, unknown.	9	1	1	Mass., N.Y.
<i>Viola</i> sp. (violet) flowers	Belgium, France	2			N.Y.
<i>Zinnia</i> sp. (flowers)	England	1			Pa.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)	Union of South Africa	2			N.Y.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
<i>Allium sativum</i> (garlic)	Italy	1			P.R.
<i>Oryza sativa</i> (rice) straw rope	Japan	1			Hawaii.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
Flowers—mixed	France		1		Mass.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
<i>Eryngium</i> sp.	Mexico	1			N.Y.
<i>Fundella pellucens</i> (Zell.) (Phytidae):					
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Haiti	2			N.Y.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	2			N.Y.
<i>Geniocremanis chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum)	Chile	2			N.Y.
<i>Prunus persica nectarina</i> (nectarine)	do	1			N.Y.
<i>Geotomus pygmaeus</i> (Dall.) (Cydnidae):					
<i>Biza orellana</i> (anatto tree) seeds	Guam	1			Hawaii.
<i>Gnaphalocrocis medinalis</i> (Guen.) (Pyraustidae):					
Airplane	Midway		1		Hawaii.
<i>Gnortimoschema gudmanella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	5			Ariz., Calif.
<i>Gnortimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	France, Israel, United Arab Republic.		3		N.Y., Pa., Tex.
Stores	Israel		1		N.Y.

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<i>Grapholita packardii</i> Zell. (Olethreutidae):					
<i>Cydusia oblonga</i> (guinea)	Mexico	2			Tex.
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Gymnanandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (sweet orange)	Curacao		1		N.Y.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Ficus religiosa</i> (botree fig)	Mexico			1	Ariz.
Soil on automobile fender	Cuba	1			Fla.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
Plants—unidentified	Netherlands			1	N.J.
<i>Salix</i> sp. (willow) dwarf tree	Japan			1	Calif.*
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Azores	1			Mass.
<i>Haplothrips dianthinus</i> Pr. (Phlaeothripidae):					
<i>Zinnia</i> sp. (flowers)	Unknown		1		N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Agapanthus africanus</i> (African agapanthus)	Japan	1			Hawaii.
<i>Begonia</i> sp. (flowers)	Bermuda		1		N.Y.
<i>Canavalia</i> sp. (flowers)	Hawaii	1			Calif.*
<i>Chrysanthemum</i> sp.	Japan	2			Hawaii.
<i>Coffea</i> sp. (cuttings)	Guatemala	1			Fla.
<i>Dianthus caryophyllus</i> (carnation)	Japan	2			Hawaii.
Flowers—mixed	American Samoa, Belgium, Israel	3			Hawaii, N.Y.
<i>Nerium oleander</i> (oleander)	Bermuda	1			N.Y.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)	Union of South Africa	1			N.Y.
<i>Haplothrips nigricornis</i> Bagn. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) flowers	do	1			N.Y.
<i>Haplothrips tritici</i> (Kurdj.) (Phlaeothripidae):					
<i>Triticum aestivum</i> (wheat) spikes	Poland	1			N.Y.
<i>Helipus lauri</i> Boh. (Curculionidae):					
<i>Persea americana</i> (avocado) seed	Costa Rica		1		Calif.*
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
<i>Carthamus tinctorius</i> (safflower) seed	Portugal			1	D.C.
Flowers—mixed	France	1			N.Y.
Military cargo	France, Morocco	5			Del., La., Va.
<i>Rubus</i> sp. (blackberry)	Ireland			1	N.Y.
<i>Helicella cespitum</i> (Draparnaud) (Helicellidae):					
Military cargo	Libya	1			S.C.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		1		N.Y.
<i>Helicella cretica</i> (Fer.) (Helicellidae):					
Military cargo	Greece	1			La.
<i>Helicella derbentina</i> (Andrejowski) (Helicellidae):					
Military cargo	Turkey	3			N.Y., S.C.
<i>Helicella italica</i> (L.) (Helicellidae):					
Baggage	Italy	1			N.Y.
<i>Petroselinum crispum</i> (parsley)	do	1			N.Y.
<i>Helicella tornacensis</i> Kobelt (?) (Helicellidae):					
Military cargo	Greece	1			N.Y.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
Military cargo	France, Italy, Morocco	5			La., N.Y., S.C., Va.
Soil with <i>Chrysanthemum</i> sp. and <i>Dianthus</i> sp. plants	Greece			1	Mass.
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Automobiles	France	1			La.
Cargo—general	do	1			La.
Military cargo	do	1			La.
<i>Helicella profuga</i> (Schmidt) (Helicellidae):					
Military cargo	Greece	1			La.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
<i>Lathyrus</i> sp. (seed)	Italy	1			N.Y.
Seed—unidentified	do			1	Mich.
<i>Helicella striata</i> (Müller) (?) (Helicellidae):					
<i>Capiscum frutescens grossum</i> (bell pepper)	Spain		1		N.Y.
Soil with <i>Commelina</i> sp. and <i>Lonicera</i> sp.	Greece			1	N.Y.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
Automobiles	France	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	Portugal		1		Fla.
Military cargo	France, Libya, Turkey	4			N.Y., S.C., Va., N.Y.
<i>Lathyrus</i> sp. (seed)	Italy	1			N.Y.
<i>Helicella virgata</i> Da Costa (Helicellidae):					
Military cargo	Spain	1			N.Y.
<i>Helicina zephyrina</i> Duclos (Helicinidae):					
<i>Chamaedorea elegans</i> (palm)	Mexico	1			Tex.
<i>Helix aperta</i> Born (Helicidae):					
Baggage	Italy	1			N.Y.
<i>Brassica oleracea botrytis</i> (cauliflower)	do		1		N.Y.
<i>B. oleracea capitata</i> (cabbage)	do		1		N.Y.
<i>Helix aspersa</i> (Müller) (Helicidae):					
Automobile	Mexico		1		Tex.
Baggage	Italy	2			N.Y.
<i>Brassica oleracea capitata</i> (cabbage)	Azores		1		N.Y.
Cactus	Mexico			1	N.Y.
<i>Citrus sinensis</i> (sweet orange)	Azores		1		N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Italy	1			N.Y.
Herbs	do	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	Spain		2		N.Y.
Military cargo	France	4			La., Va.
None (brought as food)	Italy	1			N.Y.
<i>Rosa hybrid</i>	Colombia		1		Fla.
<i>Sedum</i> sp.	England		1		N.Y.
<i>Helix fulginea</i> Parreyss (?) (Helicidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Israel	1			N.Y.
<i>Helix pomatia</i> L. (Helicidae):					
None (brought as food)	France	1			N.Y.
Soil with <i>Viola</i> sp. (violet)	Germany			1	N.Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	United Arab Republic		2		Md., Pa.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy	3			N.Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrychidae):					
Wood (crate)	India, Vietnam	2			Calif.*
<i>Heterobostrychus brunneus</i> (Murray) (Bostrychidae):					
<i>Zanthoxylum senegalense</i>	Nigeria	1			N.Y.
<i>Heterotermes convezinotatus</i> (Snyder) (Rhinotermitidae):					
Bromeliad	Mexico			2	Tex.
<i>Zamia</i> sp. (cycad)	do			1	Tex.
<i>Hilethia decostalis</i> (Guen.) (Pyraustidae):					
<i>Monstera deliciosa</i>	do			1	Tex.
<i>Holcostethus vernalis</i> (Wolff) (Pentatomidae):					
Airplane	France	1			N.J.
<i>Homoeogamia mexicana</i> (Burm.) (Polyphagidae):					
Orchid	Mexico			1	Tex.
<i>Hygromia hispida</i> (L.) (Helicellidae):					
Fern	Denmark			1	N.Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine) bark	Japan		1		Fla.
<i>Hypera nigritrostris</i> (F.) (Curculionidae):					
<i>Prunus persica</i> (peach)	Unknown		1		N.Y.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Aucuba</i> sp.	Netherlands			1	N.J.
<i>Hypoborvus ficus</i> Er. (Scolytidae):					
<i>Ficus carica</i> (fig)	Israel			1	N.Y.
<i>Ficus</i> sp.	Yugoslavia			1	N.Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad	Mexico			4	Ariz.
<i>Iridomyrmex pilifer</i> Mayr (Formicidae):					
Orchid	Colombia			1	N.Y.
<i>Iridothrips iridis</i> (Wats.) (Thripidae):					
<i>Iris</i> sp.	England			1	N.J.
<i>Kaloterмес flavicollis</i> (F.) (Kalotermitidae):					
<i>Cydonia oblonga</i> (quince)	Greece	1			Mass.
<i>Lamellaris gracilis</i> (Hutton) (?) (Achatinidae):					
Soil with ferns and palms	Ecuador			1	Fla.

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<i>Lamellazis micra</i> (Orbigny) (Achatinidae):					
Herbs	Barbados	1			N.Y.
Orchid	British Honduras			1	Tex.
Soil	Dominican Republic	1			Fla.
Soil with palm plants	Bermuda		1		Fla.
Soil with unidentified plants	Cuba			1	Fla.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp. (mauna loa) lei	Hawaii	21			Calif., * Hawaii.
Legume	do	1			Calif.*
<i>Pisum sativum</i> (pea)	Japan		3		Calif., * Wash.
<i>Sesbania grandiflora</i>	Hawaii	1			Hawaii.
<i>Sesbania</i> sp.	do	1			Hawaii.
<i>Strongylodon lucidus</i>	do	1			Hawaii.
<i>Lamprolonchaea aurea</i> (Macq.) (Lonchaeidae):	do		1		Hawaii.
Airplane					
<i>Laspeyresia dorsana</i> (F.) (?) (Olethreutidae):					
<i>Phaseolus vulgaris</i> (bean)	Italy	1			N.Y.
<i>Laspeyresia fabitoria</i> Meyr. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Ecuador		1		Fla.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
Baggage (with <i>Lilium</i> sp. bulbs)	Italy	1			N.Y.
<i>Castanea sativa</i> (European chestnut)	do	1			N.Y.
<i>Castanea</i> sp. (chestnut)	Canary Islands, France, Germany, Israel, Italy, Portugal, Spain, Yugoslavia	62	1		Ala., Mass., N.Y.
<i>Quercus</i> sp. (oak) acorn	France	1			La.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea abies</i> (Norway spruce) cone	Switzerland	1			N.Y.
<i>Picea</i> sp. (spruce) cone	England	1			N.Y.
<i>Lema erichsoni</i> Suffr. (Chrysomelidae):					
<i>Dahlia</i> hybrid (flower)	Germany	1			N.Y.
<i>Lema melanopa</i> L. (Chrysomelidae):					
<i>Convallaria mayalis</i> (lily-of-the-valley)	Denmark			1	N.Y.
<i>Rosa</i> hybrid	England			1	N.Y.
<i>Lepidosaphes philococcus</i> (Okll.) (Coccidae):					
Cactus	Mexico			1	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae):					
<i>Pinus</i> sp. (pine) needles	Japan		2		Calif.*
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)	Hawaii	1	1	1	Calif.*
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium suave</i> (orchid)	Australia			1	Calif.*
<i>Cymbidium</i> vars.	Japan, New Zealand			4	Calif.*
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	38			N.Y.
<i>Leucania loreyi</i> (Dup.) (Noctuidae):					
Packing with <i>Lilium</i> sp. bulbs	Japan			1	Oreg.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Indonesia		1		Mass.
<i>Solanum</i> sp.	Liberia	1			N.Y.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae):					
Coffee sp. (coffee) leaf	Brazil, Costa Rica	3			Fla.
<i>Ligyrocoris auritilliana</i> (Dist.) (Lygaeidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe)	Mexico	1			Tex.
<i>Limothrips denticornis</i> (Hal.) (Thripidae):					
<i>Dianthus</i> sp.	Hungary	1			N.Y.
Soil with unidentified grass	Germany			1	N.Y.
Soil with <i>Petroselinum crispum</i> (parsley)	Unknown		1		N.Y.
Soil with <i>Picea</i> sp. (spruce)	Germany	1			Mass.
<i>Listroderes subcinctus</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Vitis</i> sp. (grape)	do	1			N.Y.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Italy, United Arab Republic	5			N.Y.
<i>Lycetus africanus</i> Lesne (Lycetidae):					
Roots—unidentified	China	1			Mich.

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<i>Lycius brunneus</i> (Steph.) (Lycidae):					
Airplane	El Salvador, Jamaica		2		Fla.
Mail parcel	Hawaii	1			Hawaii.
Plywood—unidentified	Unknown	1			Mass.
<i>Lygaeus albo-ornatus</i> Blanch. (Lygaeidae):					
<i>Allium cepa</i> (onion)	Chile	1			N.Y.
<i>Lygus lineolaris</i> (P. deB.) (Miridae):					
Beta sp.	Mexico	1			Ariz.
<i>Chrysanthemum</i> sp.	do	2			Ariz.
<i>Lygus rugulipennis</i> Poppius (Miridae):					
<i>Lactuca sativa</i> (lettuce)	England		1		Mich.
Plants—unidentified	England, Netherlands			9	N.J., Wash.
<i>Macroscytus japonensis</i> Scott (Cydinidae):					
Airplane	Japan		1		Wash.
<i>Mamestra brassicae</i> (L.) (Noctuidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	do		1		Ga.
<i>B. oleracea botrytis</i> (cauliflower)	Belgium, France, Germany, Italy		6		Ga., N.Y., Tex.
<i>B. oleracea capitata</i> (cabbage)	Italy		1		N.Y.
<i>Lactuca sativa</i> (lettuce)	France		1		N.Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Baggage	Hong Kong			1	Hawaii.
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			Ill., P.R.
<i>Canavalia microcarpa</i>	Hawaii	2			Hawaii.
<i>Canavalia</i> sp. (mauna loa) lei	do	11			Calif.,* Hawaii.
Legume (flower)	do	1			Calif.*
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico	1			Ill.
<i>P. vulgaris</i> (bean)	do	2			Ill., P.R.
<i>P. vulgaris</i> var. (string bean)	do	2			Ill., P.R.
<i>Sesbania grandiflora</i> (flowers)	Hawaii	3			Hawaii.
<i>Strongylodon lucidus</i>	do	1			Hawaii.
<i>Strongylodon</i> sp.	do	1			Hawaii.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Ipomoea pes-caprae</i> (soilbind morningglory)	do	1			Hawaii.
<i>Ipomoea</i> sp. (seed)	do	1			Calif.*
<i>Megacyllene spinifera</i> (Newm.) (Cerambycidae):					
Log	Argentina	1			N.Y.
<i>Megasoma elephas</i> (Fab.) (Scarabaeidae):					
Airplane	Panama		1		Fla.
<i>Megastigmus limoni</i> (Grlt.) (Torymidae):					
<i>Eremocritus glauca</i> (desertlime) seed	Australia			1	D.C.
<i>Megastigmus strobilobius</i> Ratz. (Torymidae):					
<i>Picea abies</i> (Norway spruce) seed	Germany			1	N.J.
<i>Megastigmus tsugaphilus</i> Kamijo (Torymidae):					
<i>Tsuga sieboldii</i> (Siebold hemlock) seed	Japan			1	N.J.
<i>Melanozanthus melanocephalus</i> (F.) (Elateridae):					
<i>Vanda</i> hybrid (orchid) flower	Hawaii	1			Hawaii.
<i>Metamasius hemipterus hemipterus</i> (L.) (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P.R.
<i>Metamasius hemipterus sericeus</i> (Ol.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			Fla.
<i>Musa paradisiaca sapientum</i> (banana)	Colombia, Ecuador, Panama	61			Fla., La., N.Y., Pa., S.C., Tex.
<i>Metanema ategua</i> (Druce) (Geometridae):					
Airplane	Central America (country(?))		1		Fla.
<i>Melopoplax ditomoides</i> (Costa) (Lygaeidae):					
Compositae (head)	Morocco	1			N.J.
<i>Micotrogus picirostris</i> (F.) (Curculionidae):					
<i>Juniperus</i> sp. (juniper)	England			1	N.Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
Wood—unidentified	Mexico	1			N.Y.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	5			Mass.
<i>Mirperus ferrugineus</i> Stal (Coreidae):					
Airplane	Philippines		1		Hawaii.

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<i>Monacha carthusiana</i> (Müller) (Helicellidae):					
Military cargo	France	1			Del.
Rosa hybrid	do	1			N.Y.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cajanus cajan</i> (pigeonpea)	Jamaica	1			N.Y.
<i>Citrus sinensis</i> (sweet orange)	Vietnam	1			Hawaii.
Food	Philippines	1			Hawaii.
Herbs	Dominican Republic	1			Fla.
Orchid	Jamaica			1	Fla.
Soil with automobile	Germany(?)	1			Fla.
<i>Moodna bisinuella</i> Hamp. (?) (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Mordellistena catleyana</i> Champ. (Mordellidae):					
<i>Catleya</i> sp. (orchid)	Brazil			1	Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange)	Japan		1		Calif.*
<i>C. paradisi</i> (pomelo)	Tahiti	1			Calif.*
<i>C. reticulata</i> (Mandarin orange)	Japan		3		Calif.*
<i>C. sinensis</i> (sweet orange)	do		1		Calif.*
<i>Macadamia ternifolia</i> (Queenslandnut macadamia) nut.	Hawaii	1			Calif.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae):					
Bamboo	Mexico	1			Tex.
<i>Myzus ascalonicus</i> Donc. (Aphidae):					
<i>Chrysanthemum</i> sp.	Netherlands			1	N.Y.
<i>Lactuca sativa</i> (lettuce)	Unknown	3			N.Y.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
Bark	Panama	1			Fla.
<i>Nasutitermes costalis</i> (Holmgr.) (Termitidae):					
Aquatic plants	Cuba			2	Fla., N.Y.
<i>Cabomba</i> sp.	do			1	N.Y.
Mail	Puerto Rico	1			Ill.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Neodryocoetes caribaeus</i> Blkm. (Scolytidae):					
<i>Hymenaea courbaril</i> (pod)	Jamaica	1			Fla.
<i>Neodryocoetes hubbardi</i> Blkm. (Scolytidae):					
<i>Mucuna</i> sp., probably <i>urens</i> (pod)	Cuba			1	Fla.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	5			Tex.
<i>Solanum</i> sp.	Colombia	1			N.Y.
<i>Neolobophora inopinata</i> (Burr) (Forficulidae):					
Orchid	Mexico			1	Calif.*
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae):					
Airplane	Guam			1	Hawaii.
<i>Nezara antennata</i> Scott (Pentatomidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan			1	Wash.
<i>Nipponaclerda bhwaokoensis</i> (Kuw.) (Coccidae):					
<i>Phragmites</i> sp. (reed)	do			1	Calif.*
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae):					
Airplane	Japan, Wake Island(?)			5	Hawaii.
<i>Nysius clevelandensis</i> Evans (Lygaeidae):					
Stores	Australia			1	Hawaii.
<i>Nysius terrestris</i> Usinger (Lygaeidae):					
<i>Vanda joaquimiae</i> (orchid) flowers	Hawaii	1			Hawaii.
<i>Ogdocoesta biannularis</i> (Boh.) (Chrysomelidae):					
Bromellad	Mexico			1	Tex.
<i>Ogdocoesta catenulata</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm)	do			1	Tex.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Juniperus</i> sp.	Japan			1	Hawaii.
<i>Oopsis nutator</i> (Fab.) (Cerambycidae):					
<i>Hibiscus</i> sp.	Hawaii	1			Hawaii.
<i>Opeas pumila</i> (Pfeiffer) (Achatinidae):					
Orchid	British Honduras			1	Tex.
<i>Opeas pyrgula</i> Schmacker & Boettger (Achatinidae):					
<i>Iris</i> spp.	Japan			1	Hawaii.
Soil with plants	Bermuda				N.Y.
<i>Ophraea maculicollis</i> Blake (Chrysomelidae):					
Orchid	Mexico			1	Calif.*

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<i>Opogona purpuricella</i> Sw. (Tineidae):					
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Hawaii.
<i>Opogona sacchari</i> (Bojer) (Tineidae):					
Cycad	Union of South Africa			1	N.J.
<i>Dahlia</i> hybrid	Azores			1	Mass.
<i>Musa paradisica sapientum</i> (banana)	do.	1			Mass.
<i>Saccharum officinarum</i> (sugarcane)	Cape Verde Islands	1			N.Y.
Soil with <i>Allium sativum</i> (garlic) and <i>Colocasia esculenta</i> (dasheen)	Azores	1			N.Y.
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
<i>Epidendrum</i> sp. (orchid) flowers	Hawaii	1			Hawaii.
<i>Vanda joaquiniæ</i> (orchid) flowers	do.	5			Hawaii.
<i>Vanda</i> hybrid	do.	1			Hawaii.
<i>Vanda</i> sp.	do.	9			Hawaii.
<i>Organothrips bianchii</i> Hood (Thripidae):					
<i>Colocasia</i> sp.	American Samoa			1	Hawaii.
<i>Orthops cervinus</i> (H.-S.) (Miridae):					
<i>Chrysanthemum</i> sp. (flowers)	England		1		N.Y.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Otala lactea</i> (Muller) (Helicidae):					
<i>Apium graveolens</i> (celery)	Italy		1		N.Y.
<i>Brassica oleracea botrytis</i> (cauliflower)	do.		2		N.Y.
Debris	Morocco		1		Ohio.
Military cargo	do.	1			S.C.
<i>Otala vermiculata</i> (Muller) (Helicidae):					
<i>Citrus limon</i> (lemon)	do.		1		N.Y.
<i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
Military cargo	Greece, Italy, Morocco	7			La., N.Y., S.C.
None (brought as food)	Italy	1			N.Y.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Airplane	Hawaii		1		Hawaii.
<i>Oryza velox</i> (F.) (Acerididae):					
Airplane	Formosa(?)		1		Hawaii.
<i>Orycaenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Zinnia</i> sp. (flowers)	Unknown		1		N.Y.
<i>Orycaenus rufiventris</i> (Germ.) (Lygaeidae):					
Cargo (with <i>Prunus persica</i>)	Union of South Africa	1			N.Y.
<i>Oxydema fusiforme</i> Woll. (Curculionidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii	1		1	Hawaii.
Mail parcel	do.	2			Hawaii.
Orchid (flowers)	do.	1			Hawaii.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane	Fiji Islands, Wake Island(?)		2		Hawaii.
<i>Pagocerus fiorii</i> (Egg.) (Scolytidae):					
<i>Zea mays</i> (corn)	Ecuador, Peru	4			Fla., N.Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea alata</i> (winged yam)	Jamaica	1			Pa.
<i>Dioscorea</i> sp.	do.	4			Fla., N.Y.
<i>Palpita unionalis</i> (Hbn.) (Pyraustidae):					
<i>Jasminum</i> sp. (flowers)	France	1			N.Y.
<i>Pangaeus rugiceps</i> Horvath (Pentatomidae):					
<i>Epidendrum</i> sp. (orchid)	Guatemala			1	N.J.
<i>Paraschoenus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm)	Mexico	5			Tex.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Brazil		1		Calif.*
<i>C. limon</i> (lemon)	do.		2		Calif.*
<i>C. sinensis</i> (sweet orange)	Brazil, unknown	1	13		Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)	Hawaii	1			Calif.*
<i>Parlatoria zizyphi</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Philippines, Singapore, Tahiti.	1	2		Calif.*
<i>C. grandis</i> (pummelo)	Formosa, Hong Kong, Japan.		8		Calif.*
<i>C. limon</i> (lemon)	Italy		5		Calif.*

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudococcus halli</i> (Ezzat & McConnell) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	British Guiana	1			N.Y.
<i>Pseudococcus neobrevipes</i> (Beardsley) (Coccidae):					
Bromeliad	Jamaica			1	Fla.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	3		1	Calif.,* Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-needle pine)	Japan			1	Hawaii.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
<i>Rhododendron</i> sp.	Switzerland	2			Ill., N.Y.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Dianthus</i> sp.	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid)	do			1	Tex.
<i>Tillandsia usneoides</i> (Spanish moss)	do	1			Tex.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Laelia anceps</i> (orchid)	do			1	Calif.*
<i>Oncidium incurvum</i> (orchid)	do			1	Calif.*
Orchid	Guatemala			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
Airplane	Kwajalein(?), Wake Island(?), West Pacific.		3		Hawaii.
Baggage (with <i>Prunus persica</i>)	Italy	1			N.Y.
<i>Capsicum frutescens</i> (pepper)	Italy, Portugal	1	1		N.Y.
<i>Dahlia</i> hybrid	Japan	1			Hawaii.
<i>Phaseolus vulgaris</i> var. (string beans)	do		2		Wash.
<i>Solanum melongena</i> (eggplant)	Italy	2	1		N.Y.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy, Japan	2			Calif.,* N.Y.
<i>Zea mays</i> (corn)	Italy	1			N.Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Czechoslovakia, Denmark, France, Hungary, Italy, unknown.	14	6		Calif.,* Mass., N.Y., Tex.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Germany, Italy, unknown.	2	1		N.Y.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	17			Fla., La., N.Y.
<i>Ripersella cactians</i> Hambleton (Coccidae):					
Cactus	Switzerland			1	N.Y.
<i>Rotunda mucidella olivaceella</i> (Rag.) (Phycitidae):					
Plant—unidentified	Bahamas			1	Fla.
<i>Rumina decollata</i> (L.) (Achatinidae):					
Orchid	Mexico			1	Tex.
<i>Schoenobius incertulus</i> (Wlk.) (Schoenobiidae):					
Airplane	West Pacific		1		Hawaii.
<i>Sehirus sexmaculatus</i> Rambur (Pentatomidae):					
Forest litter with <i>Ficus carica</i> cutting	Italy			1	N.Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Bixa orellana</i> (anatto tree)	Hawaii	1			Hawaii.
<i>Codiaeum</i> sp.	do	2			Hawaii.
<i>Nephelium lappaceum</i> (rambutan)	Tahiti	1			Hawaii.
<i>Petroselinum crispum</i> (parsley)	Japan		1		Hawaii.
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	1			S.C.
<i>Zea mays</i> (corn) stalk	do	1			Md.
<i>Sinaxylon anale</i> Lesne (Bostrichidae):					
Wood—unidentified	India, Pakistan	2	1		Mass., N.Y., Minn.
<i>Sinaxylon conigerum</i> Gerst. (Bostrichidae):					
Wood (crate)	India	3			Calif.,* Oreg.
<i>Siphanto acuta</i> (Wlk.) (Flatidae):					
<i>Cordylone terminalis</i> (tl)	Hawaii			1	Hawaii.
Flowers	do	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do	1		1	Hawaii.
<i>Sitona lineata</i> (L.) (?) (Curculionidae):					
Mollusks	Morocco	1			N.J.
<i>Smerinthus ocellata</i> (L.) (Sphingidae):					
<i>Convallaria majalis</i> (lily-of-the-valley)	Denmark			1	N.J.

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		Consumption	Nonentry	Propagation	
<i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Ecuador-----	10	-----	-----	Calif.,* Fla., La., N.Y., S.C.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae): <i>Cajanus cajan</i> (pigeonpea)-----	Barbados, Haiti-----	2	-----	-----	N.Y.
<i>Spodoptera mauritia</i> (Bdv.) (Noctuidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
Baggage-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Spodoptera mauritia acronyctoides</i> (Guen.) (Noctuidae): Airplane-----	Japan, South Pacific-----	-----	3	-----	Hawaii.
Automobile-----	Hawaii-----	1	-----	-----	Hawaii.
Mail parcel-----	do-----	1	-----	-----	Hawaii.
<i>Spodoptera pecten</i> Guen. (?) (Noctuidae): Airplane-----	Unknown-----	-----	1	-----	Hawaii.
<i>Spondylis buprestoides</i> L. (Cerambycidae): Excelstor (packing with dishes)-----	Germany-----	1	-----	-----	N.Y.
<i>Stenotarsoneurus laticeps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> 'Lanarth'-----	England-----	-----	-----	1	N.J.
<i>Narcissus</i> sp-----	England, Ireland, Netherlands-----	-----	-----	5	N.J., N.Y.
<i>Stenoma catenifer</i> Wism. (Stenomidae): <i>Persea americana</i> (avocado)-----	Colombia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Venezuela-----	20	4	-----	Fla., N.Y., Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp. (flowers)-----	France, Switzerland-----	2	-----	-----	N.Y.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea</i> sp-----	Brazil-----	2	-----	-----	La.
<i>Sternonchus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)-----	Australia, French Equatorial Africa, Guam, Hawaii, India, unknown-----	83	5	5	Calif.,* Hawaii, Mass., N.Y., Pa.
<i>Stictoptera subobliqua</i> Wlk. (Noctuidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Subulina octona</i> (Bruguiere) (Achatinidae): <i>Broughtonia</i> sp. (orchid)-----	Jamaica-----	-----	-----	1	Fla.
Orchid-----	Mexico-----	-----	-----	4	Tex.
Soil with <i>Kalanchoe</i> sp. plant-----	Panama-----	-----	-----	1	Fla.
Soil with <i>Chrysanthemum</i> sp-----	Venezuela-----	-----	-----	1	N.Y.
Soil with unidentified plants-----	Brazil-----	-----	-----	1	N.Y.
Soil with <i>Rosa</i> hybrid plant-----	Ecuador-----	-----	-----	1	Fla.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): Baggage-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Cordylone terminalis</i> (tl)-----	do-----	-----	-----	1	Hawaii.
Flowers-----	do-----	2	-----	-----	Hawaii.
<i>Operculina tuberosa</i> (wood-rose)-----	do-----	1	-----	-----	Hawaii.
<i>Vanda</i> sp. (orchid) (flowers)-----	do-----	1	-----	-----	Hawaii.
<i>Sylepta elevata</i> (F.) (Pyraustidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Trinidad-----	-----	1	-----	Ala.
<i>Sylepta reginalis</i> (Cram.) (Pyraustidae): <i>Chamaedorea oblongata</i> (palm)-----	Mexico-----	1	-----	-----	Tex.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Callistephus chinensis</i> (China aster)-----	France-----	1	-----	-----	N.Y.
<i>Calluna vulgaris</i> (heather) flowers-----	Germany, Scotland-----	3	-----	-----	N.Y.
<i>Chrysanthemum</i> sp-----	England, Germany-----	2	-----	-----	N.Y.
<i>Dahlia</i> hybrid-----	Scotland-----	1	-----	-----	N.Y.
<i>Dianthus caryophyllus</i> (carnation) flowers-----	England, Germany, Netherlands, Norway, Poland, unknown-----	11	2	-----	Mass., N.Y.
Flowers—mixed-----	England, Germany, Ireland, Israel, Netherlands, Poland, Scotland, Sweden, unknown-----	14	7	-----	Mass., N.Y., Pa.
<i>Gladiolus</i> hybrid (flowers)-----	Ireland-----	1	-----	-----	N.Y.
<i>Gypsophila</i> sp-----	Netherlands-----	-----	-----	1	N.Y.

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<i>Taeniothrips atratus</i> —Continued					
<i>Lathyrus odoratus</i> (sweetpeas)	England, Netherlands		2		N.Y.
<i>Pinus</i> sp. (pine)	Switzerland	1			N.Y.
Plants—unidentified	Netherlands			2	N.J.
<i>Rosa</i> hybrid (rose)	England	1			N.Y.
Soll with <i>Viola tricolor hortensis</i> (pansy) plants	Ireland			1	Mass.
<i>Vernonia fasciculata</i> (western ironweed)	Germany	1			N.Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	England		1		N.Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Ireland, Norway, Scotland.	7	4		Mass., N.Y.
<i>Hydrangea</i> sp.	Norway			1	N.Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lycoris alba</i> (white lycoris)	Japan	1			N.Y.
<i>L. albiflora</i>	do				N.Y.
<i>L. aurea</i> (golden lycoris)	do			8	Calif.,* N.Y.
<i>L. radiata</i> (shorttube lycoris)	do			2	N.Y.
<i>L. sanguinea</i> (orange lycoris)	do	1		1	N.Y.
<i>L. squamigera</i> (autumn lycoris)	do			5	Calif.,* N.Y.
<i>Lycoris</i> sp.	do			7	Calif.,* N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp. (mauna loa) flower	Hawaii	1			Calif.*
<i>Dianthus caryophyllus</i> (carnation)	Hawaii, Japan	2			Hawaii.
<i>Dianthus</i> sp.	Australia	1			Hawaii.
Flowers	Hawaii	1			Hawaii.
<i>Gardenia augusta</i>	Hawaii, West Pacific	56	1		Hawaii.
<i>G. taitensis</i>	Hawaii	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose)	do	1			Hawaii.
<i>Plumeria</i> sp.	do	1			Hawaii.
<i>Sesbania grandiflora</i>	do	2			Hawaii.
Sphagnum moss	Japan	1			Hawaii.
<i>Taeniothrips kellyanus</i> (Bagu.) (Thripidae):					
<i>Gardenia augusta</i>	Australia	1			Hawaii.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Canavalia</i> sp. (mauna loa)	Hawaii	1			Hawaii.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	3			Tex.
<i>A. muricata</i> (sourp)	do	1			Tex.
<i>Annona</i> sp.	do	1			Tex.
<i>Talurus rugosus</i> (Jac.) (Chrysomelidae):					
Airplane	Venezuela		1		Fla.
" <i>Targionia</i> " <i>hartii</i> (Ockl.) (Oocidae):	Netherlands West Indies.			1	Calif.*
<i>Dioscorea</i> sp. (yam)					
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid	Mexico			3	Tex.
<i>Tenthecoris balloui</i> Hsiao & Sailer (Miridae):					
Orchid	Colombia			1	N.Y.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid	Guatemala, Mexico			3	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Laelia anceps</i> (orchid)	Mexico			1	Calif.*
<i>L. autumnalis</i>	do			1	Calif.*
Orchid	do			2	Tex.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
Orchid	Guatemala			1	Fla.
<i>Tenuipalpus punicea</i> P. & B. (Tenuipalpidae):					
<i>Crassula lycopodioides</i> (clubmoss crassula)	Netherlands			1	D.C.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Cymbidium</i> sp. (orchid)	Australia			1	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Unknown		1		N.Y.
<i>Rosa</i> hybrid	Italy			1	Mass.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N.Y.
<i>Theba pisana</i> (Müller) (Helicidae):					
<i>Anthemis nobilis</i> (Roman camomile)	Italy				Calif.*
Automobile	France, Spain	2			La., Tex.
<i>Begonia</i> sp.	Morocco			1	N.Y.

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		Consump- tion	Nonentry	Propaga- tion	
<i>Pebea pisana</i> —Continued					
<i>Capsicum frutescens grossum</i> (bell pepper).....	Spain.....	1	1		N.Y.
Flowers.....	France.....	1			N.Y.
Herbs.....	Unknown.....	1			Fla.
Military cargo.....	Azores, France, Italy, Libya, Morocco, Spain.....	63			La., Mass., N.J., N.Y., S.C., Va.
Mollusks (with <i>Helix aspersa</i>).....	Italy.....	1			N.Y.
None (brought as food).....	Greece, Italy.....	3			N.Y.
Quarters (ship).....	Spain.....		1		Tex.
<i>Theretra tryoni</i> Misk. (Sphingidae):					
Airplane.....	West Pacific.....		1		Hawaii.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation) flowers.....	Spain.....	1			N.Y.
<i>Gladiolus</i> hybrid (flowers).....	Israel.....	1			N.Y.
<i>Lactuca sativa</i> (lettuce).....	Denmark, unknown.....	1	5		N.Y.
<i>Prunus</i> sp. (blooms).....	Israel.....	1			N.Y.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Acacia</i> sp.....	France.....	1			Mass.
<i>Callistephus chinensis</i> (China aster).....	do.....	1			N.Y.
<i>Calluna vulgaris</i> (heather) flowers.....	Germany.....	1			N.Y.
<i>Chrysanthemum</i> sp. (flowers).....	England, Germany, Ireland.....	4			Mass., Mich., N.Y., Pa.
<i>Dahlia</i> hybrid.....	Scotland.....	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation).....	Germany.....	1			N.Y.
Flowers—mixed.....	England, Germany, Ireland, unknown.....	3	2		Mass., N.Y., Pa.
<i>Gladiolus</i> hybrid (flowers).....	Ireland.....	1			N.Y.
<i>Lilium</i> sp.....	Japan.....	1			Hawaii.
<i>Narcissus</i> sp.....	Scotland.....	1			N.Y.
Plants—unidentified.....	Netherlands.....		3		N.J.
<i>Pollanthes tuberosa</i> (tuberose) flowers.....	Denmark.....	1			N.Y.
Soil with <i>Viola tricolor hortensis</i> (pansy).....	Ireland.....		1		Mass.
<i>Rosa</i> hybrid.....	Luxembourg.....	1			N.Y.
<i>Zinnia</i> sp. (flowers).....	England, Germany.....	2			Mass., Pa.
<i>Thrips imuginis</i> Bagn. (Thripidae):					
<i>Gladiolus</i> hybrid.....	Australia.....	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Acacia</i> sp.....	France.....	1			Mass.
<i>Callistephus chinensis</i> (China aster).....	do.....	1			N.Y.
<i>Calluna vulgaris</i> (heather) flowers.....	Denmark, Germany.....	2			N.Y.
<i>Chrysanthemum</i> sp. (flowers).....	England, Germany.....	2			Mich., Pa.
<i>Dianthus caryophyllus</i> (carnation) flowers.....	Unknown.....		1		N.Y.
Flowers—mixed.....	England, Ireland, Scot- land, unknown.....	2	2		N.Y., Pa.
<i>Lonicera</i> sp. (honeysuckle) flowers.....	Italy.....	1			N.Y.
Plants—unidentified.....	Netherlands.....		1		N.J.
<i>Rosa</i> hybrid (flowers).....	England.....	1			N.Y.
<i>Thrips praetermissus</i> Pr. (Thripidae):					
<i>Callistephus chinensis</i> (China aster).....	France.....	1			N.Y.
<i>Chrysanthemum</i> sp. (flowers).....	England.....	1			Mich.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Luxembourg.....	2			N.Y.
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Citrus</i> sp. (leaves).....	Mexico.....	1			Tex.
<i>Psidium guajava</i> (guava).....	do.....	1			Tex.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp. (leaves).....	do.....	2			Ariz., Ill.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Miscanthus japonicus</i> (Japanese silvergrass).....	Formosa.....		1		D.C.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Hawaii, Mexico.....	4	1		Calif.,* D.C., Fla.
<i>Trochuda raspa</i> (Druce) (Dipteridae):					
Orchid.....	Mexico.....		1		Tex.
<i>Trogoderma glabrum</i> (Hbst.) (Dermestidae):					
Cellulose.....	do.....		1		Tex.
Grain.....	do.....		3		Ariz., Tex.
<i>Hordeum vulgare</i> (barley).....	do.....		1		Ariz.
<i>Pistacia</i> sp. (nuts).....	Iran.....	1			N.Y.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection].

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trogoderma glabrum</i> —Continued					
Railway car	Mexico		2		Tex.
<i>Sorghum vulgare</i> (sorghum)	do		1		Tex.
<i>Triticum aestivum</i> (wheat)	do		2		Calif., Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic)	Singapore, Sudan, United Arab Republic	8			N.Y.
<i>Arachis hypogaea</i> (peanut)	Singapore		1		Oreg.
Automobile (contamination)	Unknown	1			Tex.
Bagging (including used burlap wrappers of baled rubber, gum arabic, guar gum, and seedlac, and sacks used for lentils, pigeonpeas, rice, turmeric, etc.).	Asia (country(?)), Ceylon, England, Formosa, India, Pakistan, Singapore, Sudan, unknown.	14	7		Calif.,* N.Y., N.C., Tex.
<i>Cajanus cajan</i> (pigeonpea)	India		5		Md., Tex.
<i>Capsicum frutescens</i> (pepper)	do		1		Tex.
Cargo (with steel, tuna fish cartons, etc.)	Ceylon, Portugal, unknown.	2	1		La., Md., N.Y.
<i>Cuminum cyminum</i> (cumin) seed	Iran	3			N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum)	India, Pakistan	12			Ill., N.Y., S.C.
Debris	Unknown		3		N.C., Tex.
<i>Glycine max</i> (soybean)	do		1		Ohio.
Goat skins	Nigeria, Pakistan	2			N.Y., Pa.
<i>Hordeum vulgare</i> (barley)	Unknown		1		Ohio.
Karaya gum	India	4			N.Y.
<i>Oryza sativa</i> (rice)	Burma, China, Formosa, Hong Kong, India, Iran, Japan, Kuwait, Singapore, Union of South Africa, United Arab Republic.		24		Ala., Calif.,* Hawaii, La., Md., N.Y., N.C., Oreg., Pa., Tex.
<i>Papaver</i> sp. (poppyseed)	Iran	1			N.Y.
<i>Phaseolus aureus</i> (mung bean)	Unknown		1		La.
<i>P. vulgaris</i> (bean)	India, Netherlands, United Arab Republic.		3		Calif.,* Tex.
Quarters (cargo hold of ship)	Europe (country(?)), Sudan, unknown.		3		Calif.,* Pa.
Seedlac	India	2			N.Y.
Stores (including chickpea, coffee, flour, macaroni, mixed grain, peas, spaghetti, sugar, tapioca, etc.).	Formosa, India, Indonesia, Japan, Lebanon, Netherlands, unknown.		26		Ala., Calif.,* Fla., Hawaii, La., Minn., N.Y., Oreg., Pa., Tex., Va., Wash.
<i>Terminalia</i> sp. (myrobalan)	India	3			N.C., S.C.
<i>Triticum aestivum</i> (wheat) flour	Germany, unknown		2		La., N.C.
<i>Trogoderma inclusum</i> LeConte (Dermestidae):					
Automobile	Morocco	1			S.C.
<i>Cuminum cyminum</i> (cumin) seed	India		1		Md.
Grain—mixed	Mexico		1		Ariz.
Herb	Italy	1			N.Y.
Quarters	Unknown		1		Tex.
Stores	Canal Zone, unknown		3		Ala., Calif.,* La.
<i>Trogoderma ornatum</i> (Say) (Dermestidae):					
Airplane	Bahamas		1		Fla.
Bromeliad	Mexico			1	Tex.
Mail	Germany, unknown	2			Minn., N.J.
Military cargo	Morocco	1			S.C.
<i>Oryza sativa</i> (rice)	Unknown		1		La.
<i>Phaseolus vulgaris</i> (bean)	Canada	1			Mich.
Stores	Unknown		1		Mich.
<i>Vicia faba</i> (broadbean)	Canada			1	Mich.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Trogoderma parabile</i> Beal (Dermeestidae):					
Automobile	Mexico		1		Ariz.
Bagging	do.		1		Tex.
<i>Gossypium</i> sp. (cottonseed)	do.		1		Tex.
<i>Elettaria cardamomum</i> (cardamon)	Unknown		1		Tex.
Macaroni	do.		1		N. Y.
<i>Oryza sativa</i> (rice)	do.		1		Tex.
Quarters	do.		1		Pa.
Railway car	Mexico		1		Tex.
Stores	Unknown		1		Pa.
<i>Trogorylon aequale</i> (Woll.) (Lyctidae):					
Wood (chair)	Mexico	1			Tex.
<i>Trogorylon prostomoides</i> (Gorh.) (Lyctidae):					
Wood	do.	1			Tex.
<i>Tropidacris latreillei</i> (Perty) (Acrididae):					
Orchid	Costa Rica			1	Fla.
<i>Trypsetus incarnatus</i> (Gyll.) (Curculionidae):					
<i>Entada</i> sp. (seed)	Burma	1			N. Y.
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		1		N. Y.
<i>Lactuca sativa</i> (lettuce)	do.	1			N. Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Japan		1		Calif.*
<i>C. aurantium</i> var.	do.		2		Calif.*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichangarin)	do.		2		Calif.*
<i>C. reticulata</i> (Mandarin orange)	do.		3		Calif.*
<i>C. sinensis</i> (sweet orange)	Japan, unknown		5		Calif.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus phellomanus</i>	Netherlands			1	N. J.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Japan	2	1		Hawaii.
<i>C. aurantium</i> (sour orange)	do.		7		Calif.,* Hawaii.
<i>C. grandis</i> (pummelo)	do.		1		Hawaii.
<i>C. hystrix</i> (mauritiuis)	do.		1		Hawaii.
<i>C. limon</i> (lemon)	do.		4		Calif.*
<i>C. paradisi</i> (grapefruit)	do.		15		Calif.,* Hawaii.
<i>C. paradisi</i> x <i>C. reticulata</i> (tangelo)	do.		2		Hawaii
<i>C. reticulata</i> (Mandarin orange)	Formosa, Japan, Phil- ippines.	10	110		Calif.,* Hawaii.
<i>C. reticulata</i> var. (King orange)	Japan	1	2		Hawaii.
<i>C. sinensis</i> (sweet orange)	Australia (?), Hong Kong, Japan, Philip- pines.	13	138		Calif.,* Hawaii, Pa.
<i>Citrus</i> sp.	Japan			6	Calif.,* Hawaii.
<i>Veronicella moreleti</i> (Crosse & Fischer) (?) (V- roniceidae):					
Orchid	Canal Zone			1	Fla.
<i>Vilga dissimilis</i> Dist. (Coreidae):					
Orchid	do.			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassia</i> sp. (orchid)	Canal Zone, El Salva- dor.			2	Calif.,* Fla.
<i>Broughtonia</i> sp. (orchid)	Grand Cayman, Ja- maica.			8	Fla.
<i>Cattleya</i> sp. (orchid)	Antigua, British Hon- duras.			2	Fla.
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Fla.
Leaf—unidentified	do.			1	Fla.
<i>Mangifera indica</i> (mango) leaf	Cuba, Pakistan		1	1	Fla.
<i>Oncidium</i> sp. (orchid)	British Guiana, Trini- dad.			2	Fla.
Orchid	Antigua, British Gua- na, British Hondur- as, Canal Zone, Costa Rica, Jamaica, Pana- ma, Surinam.			20	Fla., N. Y.
Plant—unidentified	Jamaica			1	Fla.

Hosts and Insects—Continued

CAPSICUM:

- Cryptophlebia leucotreta* (Lepidoptera)
- Gnorimoschema gudmanella* (Lepidoptera)
- Helicella striata* (?) (Mollusca)
- Pyrausta nubilalis* (Lepidoptera)
- Theba pisana* (Mollusca)
- Trogoderma granarium* (Coleoptera)

CARICA:

- Dacus dorsalis* (Diptera)

CARTHAMUS:

- Helicella caperata* (Mollusca)

CASIMIROA:

- Anastrepha ludens* (Diptera)

CASSIA:

- Aganactes indecora* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
- Hemimene juliana* (Lepidoptera)
- Laspeyresia splendana* (Lepidoptera)

CATTLEYA:

- Chrysomphalus umboniferus* (Homoptera)
- Mordellistena cattlejana* (Coleoptera)
- Vinsonia stellifera* (Homoptera)

CELOSIA:

- Bradybaena similis* (Mollusca)

CERATONIA:

- Ectomyelois ceratoniae* (Lepidoptera)
- E. muriscis* (Lepidoptera)
- Ephestia calidella* (Lepidoptera)

CHAMAEDOREA:

- Aleuroplatus variegatus* (Homoptera)
- Calyptoccephala gerstaeckeri* (Coleoptera)
- C. marginipennis* (Coleoptera)
- Charidotis seminulum* (Coleoptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Colonerus nigrostris* (Coleoptera)
- Ctenochira hecica* (Coleoptera)
- C. hierglyphica* (Coleoptera)
- C. plicata* (Coleoptera)

- Deloyala guttata bohemani* (Coleoptera)
- Deuterocympta atomaculata* (Coleoptera)
- Helictia zephyrina* (Mollusca)
- Ogdocosta calenulata* (Coleoptera)
- Paraschoenus flavolimbatus* (Coleoptera)
- Sylepta reginalis* (Lepidoptera)

CHRYSANTHEMUM:

- Conotulus mexicanus* (Coleoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Ligius lineolaris* (Hemiptera)
- Myzus ascalonicus* (Homoptera)
- Orthops cervinus* (Hemiptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)
- T. praetermissus* (Thysanoptera)

CICER:

- Callosobruchius analis* (Coleoptera)

CICORIUM:

- Phytomyza rufipes* (Diptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)
- Coccus pseudomagnoliarum* (Homoptera)
- Morganella longispina* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS AURANTIUM VAR.:

- Unaspis citri* (Homoptera)

CITRUS GRANDIS:

- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS HYSTRIX:

- Unaspis yanonenis* (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

- Unaspis citri* (Homoptera)

CITRUS LIMON:

- Ceratitis capitata* (Diptera)
- Cochlicella barbara* (Mollusca)
- C. ventrosa* (Mollusca)
- Cryptoblabes gnidiella* (Lepidoptera)
- Otala vermiculata* (Mollusca)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS PARADISI X C. RETICULATA:

- Unaspis yanonenis* (Homoptera)

CITRUS RETICULATA:

- Brevipalpus obovatus* (Acarina)
- Ceratitis capitata* (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS RETICULATA VAR:

- Unaspis yanonenis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus spiniferus* (Homoptera)
- A. woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Bemisia giffardi* (Homoptera)
- Brevipalpus chilensis* (Acarina)
- Ceratitis capitata* (Diptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Dialeurodes citrifolii* (Homoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Helix aspersa* (Mollusca)
- Monomorium destructor* (Hymenoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Pseudococcus cilricus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Phyllocnistis citrella* (?) (Lepidoptera)
- Trialeurodes similis* (Homoptera)
- T. vitrinellus* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CLEMATIS:

- Aleyrodes proletella* (Homoptera)

COCOS:

- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- C. personatus* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Cryptophlebia illepidia* (Lepidoptera)
- Dacus dorsalis* (?) (Diptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Leucopetera coffeella* (Lepidoptera)
- Stephanoderes hampei* (Coleoptera)

COLIX:

- Pheidole megacephala* (Hymenoptera)

COLOCASIA:

- Organothrips bianchii* (Thysanoptera)
- Pheidole megacephala* (Hymenoptera)

COMPOSITAE:

- Metopoplax ditomoides* (Hemiptera)

CONVALLARIA:

- Lema melanopa* (Coleoptera)
- Smerinthus ocellata* (Lepidoptera)

Hosts and Insects—Continued

- CORDYLINAE:**
Oxydema fustiforme (Coleoptera)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)
- CORYLUS:**
Curculio nucum (Coleoptera)
- CRASSULA:**
Brevipalpus obovatus (Acarina)
Tenuipalpus puniceae (Acarina)
- CUCEMIS:**
Ceratomyia ruficornis (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)
- UMINUM:**
Trogoderma granarium (Coleoptera)
T. inclusum (Coleoptera)
- CUPRESSUS:**
Eetria tessulata (?) (Lepidoptera)
- CYAMOPSIS:**
Trogoderma granarium (Coleoptera)
- CYCAD:**
Opogona sacchari (Lepidoptera)
Phedole megacephala (Hymenoptera)
- CYDONIA:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha packardii (Lepidoptera)
Kaloterpes flavicollis (Isoptera)
- CYMBIDIUM:**
Lepidosaphes tuberculata (Homoptera)
Tetranychus cinnabarinus (Acarina)
- CYNARA:**
Apion carduorum (Coleoptera)
Cassida sanguinolenta (Coleoptera)
C. vibex (Coleoptera)
Thrips angusticeps (Thysanoptera)
- DAHLIA:**
Lema erichsoni (Coleoptera)
Opogona sacchari (Lepidoptera)
Phedole megacephala (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- DAUCUS:**
Phalonia zephyrana (Lepidoptera)
- DENDROBIUM:**
Pinnaspis buxi (Homoptera)
- DIANTHUS:**
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips collei (Thysanoptera)
H. gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Limothrips denticornis (Thysanoptera)
Puto mexicanus (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. major (Thysanoptera)
- DIOON:**
Aulacoscelis melanocera (Coleoptera)
- DIOSPYROS:**
Archips prombanus (?) (Lepidoptera)
Ceratitis capitata (Diptera)
Palaeopus costicollis (Coleoptera)
Pseudococcus halli (Homoptera)
"Targionia" hartii (Homoptera)
- DOLICHOS:**
Callosobruchus phaseoli (Coleoptera)
- ECHINODORUS:**
Delphacodes teapae (Homoptera)
- ELETTARIA:**
Trogoderma parabile (Coleoptera)
- ENTADA:**
Trypethus incarnatus (Coleoptera)
- ENTEROLOBIUM:**
Ectomyelois muricis (Lepidoptera)
- EPIDENDRUM:**
Orchidophilus aterrimus (Coleoptera)
Pangaecus rugiceps (Hemiptera)
Tenthecoris confusus (Hemiptera)
Vinsonia stellifera (Homoptera)
- EREMOCITRUS:**
Megastigmus limoni (Hymenoptera)
- ERIOBOTRYA:**
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
- ERYNGIUM:**
Bradybaena similis (Mollusca)
Frankliniella williamsi (Thysanoptera)
- EUGENIA:**
Ceratitis capitata (Diptera)
Pocillips persicae (Coleoptera)
- EUONYMUS:**
Unaspis euonymi (Homoptera)
- EUREYA:**
Pseudoanidia paeoniae (Homoptera)
- FICUS:**
Ceratitis capitata (Diptera)
Gymnathrips ficorum (Thysanoptera)
Hypoborus ficus (Coleoptera)
- FORTUNELLA:**
Parlatoria zizyphi (Homoptera)
- GARDENIA:**
Aleuroglandulus emmae (Homoptera)
Aleuroparadoxus gardeniae (Homoptera)
Aleurothrips myrtacei (Homoptera)
Coccus viridis (Homoptera)
Cryptoccephalus xerampelinus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Frankliniella formosae (Thysanoptera)
Pseudoanidia clarigera (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
T. kellyanus (Thysanoptera)
- GENTIANA:**
Stenopitika stigmatodactyla (Lepidoptera)
- GLADIOLUS:**
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. imaginis (Thysanoptera)
- GLYCINE:**
Trogoderma granarium (Coleoptera)
- GOSSYPIUM:**
Erpτοchionera oblonga (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Trogoderma parabile (Coleoptera)
- GUETTARDA:**
Xyleborus bionicius (Coleoptera)
- GYPSOPHILA:**
Taeniothrips atratus (Thysanoptera)
- HELICONIA:**
Conoderus exsul (Coleoptera)
- HIBISCUS:**
Oopsis nutator (Coleoptera)
Pectinophora gossypiella (Lepidoptera)
- HORDEUM:**
Trogoderma glabrum (Coleoptera)
T. granarium (Coleoptera)
- HYACINTHEUS:**
Frankliniella formosae (Thysanoptera)
- HYDRANGEA:**
Taeniothrips ericae (Thysanoptera)
- HYMENAEA:**
Neodryocetes caribaeus (Coleoptera)
- ILEX:**
Aleurotuberculatus similis (Homoptera)
- IPOMOEAE:**
Cylas formicarius (Coleoptera)
C. formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus alternatus (Coleoptera)
Sylepta elevata (Lepidoptera)
- IRIS:**
Anomala orientalis (Coleoptera)
Iridothrips iridis (Thysanoptera)
Opeas pyrgula (Mollusca)
- ISOCHILUS:**
Cryphula fasciata (Hemiptera)
- JASMINUM:**
Archips prombanus (?) (Lepidoptera)
Dialeurodes kirkaldyi (Homoptera)
D. vulgaris (?) (Homoptera)
Paipia unionalis (Lepidoptera)

Hosts and Insects—Continued

JUGLANS:

Ectomyelois ceratoniae (Lepidoptera)

JUNIPERUS:

Micrometopus picrostris (Coleoptera)

Oligonychus perditus (Acarina)

KALANCHOE:

Plusia chalcites (Lepidoptera)

KHAYA:

Cordylomera spinicornis (Coleoptera)

LACTUCA:

Arion ater (Mollusca)

Cochlicella ventrosa (Mollusca)

Dicyphus annulatus (Hemiptera)

Frankliniella intonsa (Thysanoptera)

Helix aspersa (Mollusca)

Lygus rugulipennis (Hemiptera)

Mamestra brassicae (Lepidoptera)

Myzus ascalonicus (Homoptera)

Olaia vermiculata (Mollusca)

Plagiognathus albipennis (Hemiptera)

Plusia chalcites (Lepidoptera)

Thrips angusticeps (Thysanoptera)

Udea ferrugalis (Lepidoptera)

LALIA:

Puto ulter (Homoptera)

Tenthetoris confusus (Homoptera)

LATHYRUS:

Bruchus affinis (Coleoptera)

B. tritici (Coleoptera)

Frankliniella intonsa (Thysanoptera)

Helicella pyramidalis (Mollusca)

H. variabilis (Mollusca)

Taeniothrips atratus (Thysanoptera)

LAURUS:

Chrysomphalus paulistae (Homoptera)

Trialeurodes lauri (Homoptera)

LENS:

Bruchus lentis (Coleoptera)

B. signaticornis (Coleoptera)

LEUCAENA:

Aracercus levipennis (Coleoptera)

LICUALA:

Bradybaena similis (Mollusca)

LILIUM:

Frankliniella formosae (Thysanoptera)

Thrips flavus (Thysanoptera)

LIPPIA:

Corythaica carinata (Hemiptera)

LITCHI:

Planococcus dorsospinosus (Homoptera)

LONCHOCARPUS(?):

Dinoderus bifoveolatus (Coleoptera)

LONICERA:

Thrips major (Thysanoptera)

LYCOPERSICON:

Ceratitis capitata (?) (Diptera)

Dacus cucurbitae (Diptera)

Epinotia aporema (Lepidoptera)

Neoleucinodes elegantalis (Lepidoptera)

LYCORIS:

Taeniothrips gracilis (Thysanoptera)

MACADAMIA:

Cryptophlebia illepidia (Lepidoptera)

Morganella longispina (Homoptera)

Pseudanidia clavifera (Homoptera)

MALUS:

Anastrepha ludens (Diptera)

Argyresthia conjugella (Lepidoptera)

Blastodacna atra (Lepidoptera)

Carpodina niponensis (Lepidoptera)

Ceratitis capitata (Diptera)

MALVACEAE:

Frankliniella intonsa (Thysanoptera)

MANGIFERA:

Anastrepha ludens (Diptera)

A. mombinpraeopians (Diptera)

Chrysomphalus personatus (Homoptera)

Dacus dorsalis (Diptera)

Pseudanidia trilobitiformis (Homoptera)

Pseuditschnaspis longissima (Homoptera)

Sternonchus mangiferae (Coleoptera)

Vinsonia stellifera (Homoptera)

MENTHA:

Aleuroglandulus emmae (Homoptera)

Bradybaena similis (Mollusca)

Cochlicella ventrosa (Mollusca)

MENTHA—Continued

Pheidole megacephala (Hymenoptera)

MISCANTHUS:

Trionymus sacchari (Homoptera)

MONSTERA:

Hillelithia decostalis (Lepidoptera)

MUCUNA:

Neodryocetes hubbardi (Coleoptera)

MUSA:

Cephaloleia pretiosa (Coleoptera)

Cosmopolites sordidus (Coleoptera)

Metamasius hemipterus sericeus (Coleoptera)

Opogona sacchari (Lepidoptera)

Polytus mellerborgii (Coleoptera)

Porphyrobaphe iostoma (Mollusca)

Solaropsis monile (Mollusca)

NARCISSUS:

Skeneotarsomus laticeps (Acarina)

Thrips flavus (Thysanoptera)

NECTANDRA:

Platynus rugulosus (Coleoptera)

NEPHELIUM:

Selenothrips rubrocinctus (Thysanoptera)

NERIUM:

Haplothrips gowdeyi (Thysanoptera)

Pheidole megacephala (Hymenoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Phloeotribus scarabaeoides (Coleoptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Puto ulter (Homoptera)

Vinsonia stellifera (Homoptera)

OPERCULINA:

Sybra alternans (Coleoptera)

Taeniothrips hawaiiensis (Thysanoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Anechura vara (Dermaptera)

Asterolecanium epidendri (Homoptera)

Bradybaena similis (Mollusca)

Cligenes delineata (Hemiptera)

Conoderus exsul (Coleoptera)

Cryphula apaticus (Hemiptera)

Deloyala guttata bohemanii (Coleoptera)

Dendrocoris variegatus (Hemiptera)

Diabrotica lepidia (Coleoptera)

Epilachna borealis var. (Coleoptera)

Explotchiomera formosa (Hemiptera)

Homoeogamia mexicana (Orthoptera)

Iridomyrmex pilifer (Hymenoptera)

Lamellaxis micra (Mollusca)

Monomorium destructor (Hymenoptera)

Neolobophora inopinata (Dermaptera)

Opeas pumila (Mollusca)

Ophraea maculicollis (Coleoptera)

Oxydema fusiforme (Coleoptera)

Pheidole megacephala (Hymenoptera)

Phelypera distigma (Coleoptera)

Phenacaspis dendrobiti (Homoptera)

Plagiodera congesta (Coleoptera)

Plusia chalcites (Lepidoptera)

Prosopodonta balyi (Coleoptera)

Puto ulter (Homoptera)

Rumina decollata (Mollusca)

Subulina octona (Mollusca)

Tenthetoris angustimarginatus (Hemiptera)

T. balloui (Hemiptera)

T. bicolor (Hemiptera)

T. confusus (Hemiptera)

T. restitus (Hemiptera)

Trochuda raspa (Lepidoptera)

Tropidacris latreillei (Orthoptera)

Veronicella moreletii (?) (Mollusca)

Vilga dissimilis (Hemiptera)

Vinsonia stellifera (Homoptera)

Xyleborus testaceus (Coleoptera)

ORNITHOGALUM:

Epithorista ionephala (Lepidoptera)

Frankliniella schultzei (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

H. nigricornis (Thysanoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)

Hosts and Insects—Continued

ORYZA—Continued

- Frankliniella tenuicornis* (Thysanoptera)
Trogoderma granarium (Coleoptera)
T. ornatum (Coleoptera)
T. parvum (Coleoptera)

PALM:

- Aonidiella inornata* (Homoptera)
Brevipalpus obovatus (Acarina)
Coccotrypes pygmaeus (Coleoptera)

PAPAVER:

- Trogoderma granarium* (Coleoptera)

PASSIFLORA:

- Ceratitis capitata* (?) (Diptera)
Dacus dorsalis (?) (Diptera)

PELARGONIUM:

- Cochlicella ventrosa* (Mollusca)

PELEA:

- Frays fulvocanellus* (Lepidoptera)

PERSEA:

- Conotrachelus agaveae* (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Helicampus lauri (Coleoptera)
Stenomoma calenderi (Lepidoptera)

PETROSELINUM:

- Helicella itala* (Mollusca)
Selenothrips rubrocinctus (Thysanoptera)

PHALERIA:

- Ceratitis capitata* (Diptera)

PHASEOLUS:

- Callosobruchus phaseoli* (Coleoptera)
C. subinnotatus (Coleoptera)
Ceratoma ruficornis (Coleoptera)
Dynatoschus calandrodus (Coleoptera)
Epinotia aporema (Lepidoptera)
Eberes comynata (Lepidoptera)
Laspeyresia dorsana (?) (Lepidoptera)
L. fabivora (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
T. ornatum (Coleoptera)

PHILODENDRON:

- Cactophagus validirostris* (Coleoptera)
Chrysomphalus paulistae (Homoptera)

PHRAGMITES:

- Nippotaclerda biwakensis* (Homoptera)

PICEA:

- Laspeyresia strobilalis* (Lepidoptera)
Megastylus strobilobius (Hymenoptera)

PICEA(?):

- Ernobia abietis* (Coleoptera)

PINUS:

- Adela ochensheimerella* (Lepidoptera)
Copiotermes crassus (Isoptera)
Epilachna mexicana (Coleoptera)
Hylurgops palliatus (Coleoptera)
Lepidosaphes pini (Homoptera)
Petrova resinella (Lepidoptera)
Pseudococcus pini (Homoptera)
Taeniothrips atratus (Thysanoptera)

PISTACIA:

- Trogoderma glabrum* (Coleoptera)

PISUM:

- Callosobruchus analis* (Coleoptera)
Lampides boeticus (Lepidoptera)

PLUMERIA:

- Conotelus mexicanus* (Coleoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:

- Thrips flavus* (Thysanoptera)

PRIORIA:

- Platypus rugulosus* (Coleoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS DOMESTICA:

- Archips pronubanus* (?) (Lepidoptera)
Carposina niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Geniocremanis chilensis (Coleoptera)
Listroderes rubicinctus (Coleoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Blissus diplopterus (Hemiptera)
Ceratitis capitata (Diptera)

PRUNUS PERSICA—Continued

- Cryptoblabes gnidiella* (Lepidoptera)
Hypera nigrostris (Coleoptera)
Ozyarcenus rufiventris (Hemiptera)

PRUNUS PERSICA NECTARINA:

- Conoderus rufangulus* (Coleoptera)
Geniocremanis chilensis (Coleoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PRUNUS SP.:

- Thrips angusticeps* (Thysanoptera)

PSIDIUM:

- Anastrepha mombinpraeoptans* (Diptera)
A. striata (Diptera)
A. suspensa (?) (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trialeurodes similis (Homoptera)

PTEROSTYLIS:

- Antonina graminis* (Homoptera)

PUNICA:

- Archips pronubanus* (?) (Lepidoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Forficula aculeata (Dermaptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha packardii (Lepidoptera)

QUERCUS:

- Curculio elephas* (Coleoptera)
Laspeyresia splendana (Lepidoptera)

RAPHANUS:

- Phylomyza rufipes* (Diptera)

RHODODENDRON:

- Brevipalpus obovatus* (Acarina)
Dialeurodes chittendeni (Homoptera)
Pealius azaleae (Homoptera)
Psylla rhododendri (Homoptera)
Tetranychus viennensis (Acarina)

ROSA:

- Ardis vulcata* (Hymenoptera)
Brevipalpus obovatus (Acarina)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Helix aspersa (Mollusca)
Lema melanopa (Coleoptera)
Monacha carthusiana (Mollusca)
Taeniothrips atratus (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)

ROSMARINUS:

- Chrysolina americana* (Coleoptera)

RUBUS:

- Helicella cuperata* (Mollusca)

RUMEX:

- Dicyphus stachydii* (Hemiptera)

SACCHARUM:

- Chilo loftini* (Lepidoptera)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Trionymus sacchari (Homoptera)

SALIX:

- Haplithrips aculeatus* (Thysanoptera)

SAMANEA:

- Ectomyelois ceratoniae* (Lepidoptera)

SCHINUS:

- Conoderus exsul* (Coleoptera)

SEDUM:

- Helix aspersa* (Mollusca)

SESBANTIA:

- Callosobruchus phaseoli* (Coleoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)

SESUVIUM:

- Pheidole megacephala* (Hymenoptera)

SOIL:

- Agriotes obscurus* (Coleoptera)
Bradybaena similis (Mollusca)
Cecilioides acicula (Mollusca)

Hosts and Insects—Continued

SOIL—Continued

- Gynaikothrips ficorum* (Thysanoptera)
Helicella maritima (Mollusca)
H. striata (?) (Mollusca)
Helix pomatia (Mollusca)
Lamellaxis gracilis (?) (Mollusca)
L. micra (Mollusca)
Limothrips denticornis (Thysanoptera)
Monomorium destructor (Hymenoptera)
Opeas pyrgula (Mollusca)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Podagrica fuscicornis (Coleoptera)
Subulina octona (Mollusca)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)

SOLANUM MELONGENA:

- Leucinodes orbonalis* (Lepidoptera)

SOLANUM TUBEROSUM:

- Agriotes lineatus* (Coleoptera)

SOLANUM SP.:

- Leucinodes orbonalis* (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

SORGHEUM:

- Pyrausta nubilalis* (Lepidoptera)
Sesamia cretica (Lepidoptera)
Trogoderma glabrum (Coleoptera)

SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
Chrysomphalus calurus (Homoptera)

STANTHOPEA:

- Puto mexicanus* (Homoptera)

STRONGYLODON:

- Lampides boeticus* (Lepidoptera)
Maruca testulalis (Lepidoptera)

SYRINGA:

- Adozophyes orana* (Lepidoptera)

TAGETES:

- Bradybaena similaris* (Mollusca)

TAMARINDUS:

- Caryedon fuscus* (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

TERMINALIA:

- Anastrepha mombinpraeoptans* (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)

TILLANDSIA:

- Adoretus sinicus* (Coleoptera)
Puto mexicanus (Homoptera)

TRIFOLIUM:

- Bruchidius trifolii* (Coleoptera)
Cecilioides acicula (Mollusca)

TRITICUM:

- Cryptotermes brevis* (Isoptera)
Haplothrips tritici (Thysanoptera)
Trogoderma glabrum (Coleoptera)
T. granarium (Coleoptera)

TSUGA:

- Megastigmus tsugaphilus* (Hymenoptera)

URGINEA:

- Arion* (Mollusca)

VANDA:

- Adoretus sinicus* (Coleoptera)
Athesapeuta cyperi (Coleoptera)
Bradybaena similaris (Mollusca)
Conoderus exsul (Coleoptera)
Conotelus mexicanus (Coleoptera)
Melanoxanthus melanocephalus (Coleoptera)
Nysius terrestris (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Pinnaspis orchidarum (Homoptera)
Plusia chalcites (Lepidoptera)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)

VERNONIA:

- Taeniothrips atratus* (Thysanoptera)

VICIA:

- Bruchus dentipes* (Coleoptera)
B. tritici (Coleoptera)
Trogoderma ornatum (Coleoptera)

VIGNA:

- Bruchus guttalis* (Coleoptera)
Epinotia aporema (Lepidoptera)

VIOLA:

- Frankliniella intonsa* (Thysanoptera)

VITIS:

- Acletra fraterna* (Hemiptera)
Aleurolobus taonabae (Homoptera)
Brevipalpus chilensis (Acarina)
B. obovatus (Acarina)
Ceratitis capitata (Diptera)
Conoderus rufangulus (Coleoptera)
Leptoglossus chilensis (Hemiptera)
Listroderes subcinctus (Coleoptera)
Lobesia botrana (Lepidoptera)
Naupactus zanthographus (Coleoptera)
Phlyctinus callosus (Coleoptera)

ZAMIA:

- Heterotermes convexinotatus* (Isoptera)

ZANTHOXYLUM:

- Heterobostrychus brunneus* (Coleoptera)
Xyloperthella picea (Coleoptera)

ZEA:

- Moodna bisinuella* (?) (Lepidoptera)
Pagiocerus fiorii (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

ZINGIBER:

- Opogona purpuricella* (Lepidoptera)

ZINNIA:

- Frankliniella intonsa* (Thysanoptera)
Haplothrips dianthinus (Thysanoptera)
Ozycaerus hyalinipennis (Hemiptera)
Thrips flavus (Thysanoptera)

Hosts Unknown

AIRPLANE:

Acanthoderes circumflexa (Coleoptera)
Adoretus sinicus (Coleoptera)
Aethus indicus (Hemiptera)
Amphimallon majalis (Coleoptera)
Amyra natalis (Lepidoptera)
Anomala orientalis (Coleoptera)
Arcte coerulea (Lepidoptera)
Calacanthus carrenoi (Hemiptera)
Chalcopse hyppasia (Lepidoptera)
Chalepus aculeicornis (Coleoptera)
Conoderus pallipes (Coleoptera)
Crambus ligonellus (Lepidoptera)
Crealonotos gangis (Lepidoptera)
Diaphania thysalis (Lepidoptera)
Dicalandra taihensis (Coleoptera)
Eutheola rugiceps (Coleoptera)
Euricania splendida (Homoptera)
Gnaphalocrocia medialis (Lepidoptera)
Holcostethus vernalis (Hemiptera)
Lamprolonchaea aurea (Diptera)
Lyctus brunneus (Coleoptera)
Macroscyelus japonensis (Hemiptera)
Megasma elephas (Coleoptera)
Melanema ategua (Lepidoptera)
Mirperus ferrugineus (Hemiptera)
Nephrotettix bipunctatus (Homoptera)
Nomophila noctuella (Lepidoptera)
Otosema odorata (Lepidoptera)
Oryza velox (Orthoptera)
Pachybrachius nigripes (Hemiptera)
Perkinsiella vittensis (Homoptera)
Pheidole megacephala (Hymenoptera)
Phurys immunis (Lepidoptera)
Pieris rapae crucivora (Lepidoptera)
Platypus rugulosus (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Schoenobius incertulus (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
S. mauritia acronyctoides (Lepidoptera)
S. pecten (?) (Lepidoptera)
Stictoptera subobliqua (Lepidoptera)
Talurus rugosus (Coleoptera)
Theretra tryoni (Lepidoptera)
Trogoderma ornatum (Coleoptera)
Xylomeira torquata (Coleoptera)
Xylorthrips religiosus (Coleoptera)

AQUATIC PLANTS:

Nasutitermes costalis (Isoptera)
Pheidole megacephala (Hymenoptera)

AUTOMOBILE:

Adoretus sinicus (Coleoptera)
Cepaea nemoralis (Mollusca)
Cochlicella barbara (Mollusca)
Dyscinetus laevipectus (Coleoptera)
Helicella neglecta (Mollusca)
H. variabilis (Mollusca)
Helix aspersa (Mollusca)
Spodoptera mauritia acronyctoides (Lepidoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
T. inclusum (Coleoptera)
T. parabile (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Anacridium aegyptium (Orthoptera)
Ceratitis capitata (Diptera)
Cylas formicarius elegantulus (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Helicella itala (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)

Laspeyresia splendana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
Sybra alternans (Coleoptera)

BAGGING:

Trogoderma granarium (Coleoptera)
T. parabile (Coleoptera)

BARK:

Nasutitermes corniger (Isoptera)

BURLAP:

Catorama herbarum (Coleoptera)

CARGO—GENERAL:

Edessa rufomarginata (Hemiptera)

CARGO—GENERAL—Continued

Helicella neglecta (Mollusca)
Pieris brassicae (Lepidoptera)
Platycarenum humilis (Hemiptera)
Trogoderma granarium (Coleoptera)

CELLULOSE:

Trogoderma glabrum (Coleoptera)

CLOTHING:

Adoretus sinicus (Coleoptera)
Cryptotermes brevis (Isoptera)

CORAL:

Pheidole megacephala (Hymenoptera)

CRATE:

Copris hispanus (Coleoptera)

CUTTINGS—UNIDENTIFIED:

Pheidole megacephala (Hymenoptera)

DEBRIS:

Otala lactea (Mollusca)
Trogoderma granarium (Coleoptera)

EXCELSIOR:

Spondylia buprestoides (Coleoptera)

FERN:

Hygromia hispida (Mollusca)

FLOWERS:

Adoretus sinicus (Coleoptera)
Bergallia signata (Homoptera)
Bradybaena similis (Mollusca)
Ceresium unicolor (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. tritici (Thysanoptera)
Haplothrips goudyei (Thysanoptera)
Helicella caperata (Mollusca)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)
Taeniothrips atratus (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Theba pisana (Mollusca)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Xiphidiopsis lita (Orthoptera)

FOLIAGE:

Conoderus exsul (Coleoptera)

FOOD:

Monomorium destructor (Hymenoptera)

FOREST LITTER:

Sehirus sezmaculatus (Hemiptera)

FRUIT—UNIDENTIFIED:

Ceratitis capitata (Diptera)

GOAT SKINS:

Trogoderma granarium (Coleoptera)

GRAIN:

Trogoderma glabrum (Coleoptera)
T. inclusum (Coleoptera)

HERBARIUM SPECIMENS:

Conotatus mexicanus (Coleoptera)

HERBS:

Helix aspersa (Mollusca)
Lamellaxis micra (Mollusca)
Monomorium destructor (Hymenoptera)
Theba pisana (Mollusca)
Trogoderma inclusum (Coleoptera)

KARAYA GUM:

Trogoderma granarium (Coleoptera)

LEAF—UNIDENTIFIED:

Aleuroplatus variegatus (Homoptera)
Vinsonia stellifera (Homoptera)

LEGUME:

Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)

LOG:

Megacyllene spinifera (Coleoptera)

MACARONI:

Trogoderma parabile (Coleoptera)

MAIL PARCEL:

Achaea janata (Lepidoptera)
Adoretus sinicus (Coleoptera)
Conoderus exsul (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Lyctus brunneus (Coleoptera)
Nasutitermes costalis (Isoptera)
Oxydema fusiforme (Coleoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Trogoderma ornatum (Coleoptera)

MILITARY CARGO:

Cochlicella barbara (Mollusca)

Hosts Unknown—Continued

MILITARY CARGO—Continued

C. ventrosa (Mollusca)
Conoderus azoricus (Coleoptera)
Helicella caperata (Mollusca)
H. cespitum (Mollusca)
H. cretica (Mollusca)
H. derbentina (Mollusca)
H. lornacensis (?) (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. profuga (Mollusca)
H. variabilis (Mollusca)
H. virgata (Mollusca)
Helix aspersa (Mollusca)
Monacha carthusiana (Mollusca)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Theba pisana (Mollusca)
Trogoderma ornatum (Coleoptera)
Xeroleuca mograbina (Mollusca)

MOLLUSKS:

Pheidole megacephala (Hymenoptera)
Sitona lineata (?) (Coleoptera)
Theba pisana (Mollusca)

MOSS:

Cassida nebulosa (Coleoptera)

NONE:

Dictyophorus spumans (Orthoptera)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)

PACKING:

Leucania loreyi (Lepidoptera)

PAPER:

Conoderus bifoveatus (Coleoptera)

PLANTS—UNIDENTIFIED:

Empoasca flavescens (Homoptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips aculeatus (Thysanoptera)
Lygus rugulipennis (Hemiptera)
Rotunda mucidella olivaceella (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)

PLANTS—UNIDENTIFIED—Continued

T. major (Thysanoptera)
Vinsonia stelleri (Homoptera)

PLYWOOD:

Lyctus brunneus (Coleoptera)

QUARTERS:

Bothynus cuniculus (Coleoptera)
Ceratitis capitata (Diptera)
Petrusa epilepsis (Homoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
T. inclusum (Coleoptera)
T. parabile (Coleoptera)

RAILWAY CAR:

Trogoderma glabrum (Coleoptera)
T. parabile

ROOTS—UNIDENTIFIED:

Lyctus africanus (Coleoptera)

SEEDLAC:

Trogoderma granarium (Coleoptera)

SEEDS:

Adoretus sinicus (Coleoptera)
Cochlicella barbara (Mollusca)
Helicella pyramidata (Mollusca)

SPHAGNUM MOSS:

Taeniothrips hawaiiensis (Thysanoptera)

STORES:

Gnorimoschema ocellatella (Lepidoptera)
Nysius clevelandensis (Hemiptera)
Trogoderma granarium (Coleoptera)
T. inclusum (Coleoptera)
T. ornatum (Coleoptera)
T. parabile (Coleoptera)

WOOD:

Callidium rufipenne (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Micrapate labialis (Coleoptera)
Phlegyas annuliferus (Hemiptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Trogoxylon aequale (Coleoptera)
T. prostomoides (Coleoptera)
Xylothrips religiosus (Coleoptera)

Countries of Origin and Insects

ALGERIA:

Ceratitidis capitata
Cochlicella barbara
C. ventrosa

AMERICAN SAMOA:

Haplothrips gowdeyi
Organothrips bianchii
Pheidole megacephala
Xylothrips religiosus

ANTIGUA:

Cylas formicarius elegantulus
Vinsonia stellifera

ARGENTINA:

Brevipalpus obovatus
Ceratitidis capitata
Epinotia aporema
Megacyllene spinifera
Xyleborus biconicus

ASIA (country(?)):

Trogoderma granarium

AUSTRALIA:

Lepidosaphes tuberculata
Megastigmus limoni
Nysius clevelandensis
Pinaspis buzi
Plusia chalcites
Pseudonidia clavifera
Sternonchetus mangiferae
Taeniothrips hawaiiensis
T. kellyanus
Tetranychus cinnabarinus
Thrips imaginis

AUSTRALIA(?):

Unaspis yanonensis

AUSTRIA:

Baris lepidii
Frankliniella intonsa

AZORES:

Arion ater
Ceratitidis capitata
Cochlicella ventrosa
Conoderus azoricus
Haplothrips cottei
Helix aspersa
Opogona sacchari
Pteris brassicae
Theba pisana

BAHAMAS:

Anastrepha mombinpraepotans
Petrusa epilepsis
Rotruda mucidella oliaceella
Trogoderma ornatum

BARBADOS:

Eusepes postfasciatus
Fundella pellucens
Lamellaxis micra
Sphenarches caffer

BELGIUM:

Evergestis forficatus
Frankliniella intonsa
Haplothrips gowdeyi
Mamestra brassicae
Phytomyza rufipes

BERMUDA:

Bradybaena similaris
Cochlicella ventrosa
Diaprepes famelicus var.
Haplothrips gowdeyi
Lamellaxis micra
Opeas pyrgula
Pheidole megacephala

BRAZIL:

Asterolecanium epidendri
Bradybaena similis
Ceratitidis capitata
Chrysomphalus paulistinus
C. personatus
Coccotrypes pygmaeus
Cryptolermes brevis
Eusepes postfasciatus
Leucoptera coffeella
Mordellistena cattleyana
Parlatoria cinerea
Pectinophora gossypiella
Pseudonidia trilobitiformis
Stephanoderes hampei

BRAZIL—Continued

Subulina octona

BRITISH GUIANA:

Platypus rugulosus
Pseudococcus halli
Vinsonia stellifera

BRITISH HONDURAS:

Cerconota anonella
Coptotermes crassus
Edessa rufomarginata
Lamellaxis micra
Opeas pumila
Vinsonia stellifera

BRITISH WEST INDIES:

Ceratomyza ruficornis

BURMA:

Trogoderma granarium
Trypethus incarnatus

CANADA:

Trogoderma ornatum

CANAL ZONE:

Cryptula fasciata
Tenthetecoris confusus
Trogoderma inclusum
Veronicella moreleti (?)
Vilga distimilis
Vinsonia stellifera

CANARY ISLANDS:

Laspeyresia splendana

CAPE VERDE ISLANDS:

Callosobruchus phaseoli
C. subinnatus
Opogona sacchari

CENTRAL AMERICA (country(?)):

Cligenes delineata
Metanema ategua

CEYLON:

Trogoderma granarium

CHILE:

Acedra fraterna
Bergallia signata
Brevipalpus chilensis
B. obovatus
Conoderus rufangulus
Geniocremonis chilensis
Leptoglossus chilensis
Listroderes subcinctus
Lygaeus albo-ornatus
Naupactus xanthographus

CHINA:

Callosobruchus analis
Cylas formicarius formicarius
Lyctus africanus
Trogoderma granarium

COLOMBIA:

Helix aspersa
Iridomyrmex pilifer
Metamasius hemipterus sericeus
Neoleucinodes elegantalis
Platypus rugulosus
Pseudonidia trilobitiformis
Stenomoma catenifer
Tenthetecoris ballout

COSTA RICA:

Anastrepha mombinpraepotans
Chrysomphalus albopictus
C. calurus
C. personatus
C. umboniferus
Heilipus lauri
Leucoptera coffeella
Pheidole megacephala
Prosopodonta balyi
Solaropsis monile
Tropidacris latreillei
Vinsonia stellifera

CUBA:

Acanthoderes circumflexa
Aleuroglandulus emmae
Anastrepha mombinpraepotans
Bradybaena similis
Ceratomyza ruficornis
Corythaica carinata
Cryptoccephalus zerampelinus
Cylas formicarius elegantulus
Dialeurodes citrifolii

Countries of Origin and Insects—Continued

CUBA—Continued

Gynaikothrips ficorum
Lamellaxis micra
Metamasius hemipterus sericeus
Nasutitermes costalis
Neodryocetes hubbardi
Pheidole megacephala
Phurys immunis
Ribua innoxia
Trionymus sacchari
Vinsonia stellifera

CURACAO:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Gymnandrosoma aurantianum

CYPRUS:

Aleurolobus olivinus
Ceratitis capitata

CZECHOSLOVAKIA:

Rhagoletis cerasi

DENMARK:

Bruchus affinis
Frankliniella intonsa
Hygromia hispida
Lema melanopa
Phytomyza rufipes
Rhagoletis cerasi
Smerinthus ocellata
Thrips angusticeps
T. flavus
T. major

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Cylas formicarius var.
C. formicarius elegantulus
Lamellaxis micra
Monomorium destructor
Pectinophora gossypiella

ECUADOR:

Anastrepha mombinpraeoptans
Lamellaxis gracilis(?)
Laspeyresia fabiora
Metamasius hemipterus sericeus
Paglocerus flori
Platyacarus humilis
Porphyrobaphis tostoma
Solaropsis monile
Stenoma catenifer
Subulina octona

EL SALVADOR:

Anastrepha mombinpraeoptans
A. serpentina
A. striata
Chrysomphalus calurus
Dialeurodes citrifolii
Lyctus brunneus
Stenoma catenifer
Vinsonia stellifera

ENGLAND:

Aleyrodes proletella
Cepaea nemoralis
Euleia heraclei(?)
Frankliniella intonsa
Helix aspersa
Iridothrips iridis
Laspeyresia strobilella
Lema melanopa
Lygus rugulipennis
Miccotrogus picirostris
Orthops cervinus
Pealius azaleae
Phytomyza rufipes
Stenotarsonemus laticeps
Taeniothrips atratus
T. dianthi
Thrips flavus
T. major
T. praetermissus
Trogoderma granarium

EUROPE(country(?)):

Trogoderma granarium

FEDERATION OF MALAYA:

Cylas formicarius var.

FIJI ISLANDS:

Frankliniella formosae
Pachybrachius nigriceps

FIJI ISLANDS—Continued

Perkinsiella vitiensis

FORMOSA:

Catacanthus carrenoi
Parlatoria zizyphus
Trionymus sacchari
Trogoderma granarium
Unaspis yanonenensis

FORMOSA(?):

Oryza velox

FRANCE:

Aceria macrochelus
A. macrorhynchus
Aculus aceris
Amphimallon majalis
Apion carduorum
Arion ater
Bruchus affinis
B. guttalis
Ceutorhynchus pleurostigma
Cochlicella barbara
Curculio elephas
Evergestis forficatis
Evetria tessulatana(?)
Frankliniella intonsa
F. tritici
Gnorimoschema ocellatella
Helicella caperata
H. maritima
H. neglecta
H. variabilis
Helix aspersa
H. pomatia
Holcostethus vernalis
Laspeyresia splendana
Mamestra brassicae
Monacha carthusiana
Palpita unionalis
Pieris brassicae
Rhagoletis cerasi
Stenoptilia stigmatodactyla
Taeniothrips atratus
Theba pisana
Thrips flavus
T. major
T. praetermissus

FRANCE(?):

Argyresthia confugella

FRENCH EQUATORIAL AFRICA:

Sternonchus mangiferae

GERMANY:

Argyresthia confugella
Cecilioides acicula
Ernobius abietis
Frankliniella intonsa
Helix pomatia
Laspeyresia splendana
Lema erichsoni
Limothrips denticornis
Mamestra brassicae
Megastigmus strobilobius
Phytomyza rufipes
Rhagoletis cerasi(?)
Spondylis buprestoides
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trogoderma granarium
T. ornatum

GERMANY(?):

Monomorium destructor

GRAND CAYMAN:

Vinsonia stellifera

GREECE:

Archips promubanus(?)
Bruchus dentipes
Cecilioides acicula
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Ectomyeloides ceratoniae
Forficula aetolica
Helicella cretica
H. lornacensis(?)
H. maritima

Countries of Origin and Insects—Continued

GREECE—Continued

H. profuga
H. striata(?)
Kaloterpes flavicollis
Otala vermiculata
Theba pisana

GUAM:

Dacus dorsalis
Geotomus pygmaeus
Nephotettix bipunctatus
Sternonchus mangiferae

GUATEMALA:

Aleurothrix myrtacei
Anastrepha ludens
A. mombinpraeoptans
Chalepus omoger
Conotelus mexicanus
Conotrachelus perseae
Cylas formicarius elegantulus
Haplothrips gowdeyi
Pangaeus rugiceps
Puto ulter
Stenoma catenifer
Tenthorax bicolor
T. vestitus

HAITI:

Anastrepha mombinpraeoptans
A. suspensa(?)
Anomala orientalis
Cerconota anonella
Cylas formicarius elegantulus
Fumidella pellucens
Pheidole megacephala
Sphenarches caffer

HAWAII:

Achaea janata
Adoretus sinicus
Araecerus levipennis
Athesapeuta cyperi
Bemisia giffardi
Bradybaena similaris
Callosobruchus phaseoli
Catorama herbarium
Ceratitidis capitata
Cerastium unicolor
Ceroplastes rubens
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Cryptophlebia illepidia
Cryptotermes brevis
Cylas formicarius elegantulus
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taiensis
Dynatospechus calandrodus
Ectomyopis ceratoniae
Euscapes postfasciatus
Haplothrips gowdeyi
Lampides boeticus
Lamprolonchaea aurea
Lepidosaphes tokionis
Lyctus brunneus
Maruca testulalis
Megacerus alternatus
Melanoxanthus melanocephalus
Morganella longispina
Nysius terrestris
Oopsis nutator
Opogona purpuricollis
Orchidophilus aterrimus
Otosema odorata
Oxydema fusiforme
Parlatoria crotonis
P. zizyphi
Pectinophora gossypiella
Pheidole megacephala
Plusia chalcites
Poecilips persicae
Frays fulvocanellus
Pseudonidia clavigera
Pseudococcus palmarum
Selenothrips rubrocinctus
Siphanta acuta
Spodoptera mauritia

HAWAII—Continued

S. mauritia acronyctoides
Sternonchus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
T. vitticornis
Trionymus sacchari
Xiphidopsis lila
Xyleborus testaceus

HAWAII(?):

Xylothrips religiosus

HONDURAS:

Anastrepha mombinpraeoptans
Cryphula apaticus
Porphyrobaphis istoma
Stenoma catenifer

HONG KONG:

Callosobruchus analis
Carposina niponensis
Chilo suppressalis
Cylas formicarius
C. formicarius var.
C. formicarius formicarius
Dialeurodes kirkaldyi
Fiorinia theae
Frankliniella formosae
Maruca testulalis
Parlatoria zizyphi
Trogoderma granarium
Unaspis yanonensis

HUNGARY:

Ceratitidis capitata
Limothrips denticornis
Rhagoletis cerasi

INDIA:

Dialeurodes vulgaris(?)
Heterobostrychus aequalis
Sinocylus anale
S. conigerum
Sternonchus mangiferae
Trogoderma granarium
T. inclusum

INDONESIA:

Ceratitidis capitata
Leucinodes orbonalis
Phenacaspis dendrobii
Trogoderma granarium

IRAN:

Trogoderma glabrum
T. granarium

IRELAND:

Dicyphus stachydis
Helicella caperata
Stenotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips flavus
T. major

ISRAEL:

Anomala orientalis
Ceratitidis capitata
Cryptoblabes gnidiella
Dacus oleae
Ectomyopis ceratoniae
Gnorimoschema ocellatella
Haplothrips gowdeyi
Helix figulina(?)
Hypoborbus ficus
Luspeyresia splendana
Phloeotribus scarabaeoides
Taeniothrips atratus
Thrips angusticeps

ITALY:

Acrolepis assectella
Aleurolobus olivinus
Anacridium aegyptium
Apion carduorum
Archips pronubanus(?)
Ardis sulcata
Brachycerus albidentatus
B. algius
Bruchidius trifolii
Bruchus lentis
B. signaticornis
R. tristis
Cassida sanguinolenta

Countries of Origin and Insects—Continued

ITALY—Continued

C. vibex
Cecilioides acicula
Ceratitis capitata
Ceutorhynchus pleurostigma
Chrysolina americana
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Dicyphus annulatus
Dyspeza ulula
Ectomyelois ceratoniae
Ephestia calidella
Frankliniella tenuicornis
Helicella conspurcata
H. itala
H. maritima
H. pyramidata
H. variabilis
Helix aperta
H. aspersa
Hemimene juliana
Laspeyresia dorsana (?)
L. splendana
Lobesia botrana
Mamestra brassicae
Otala lactea
O. vermiculata
Parlatoria zizyphus
Phalonia zephyrana
Phytomyza rufipes
Pieris brassicae
Prays oleellus
Pyrausta nubilalis
Rhagoletis cerasi
Sehirus sezmaculatus
Sesamia cretica
Tetranychus cinnabarinus
Theba pisana
Thrips angusticeps
T. major
Trogoderma inclusum
Udea ferrugalis

JAMAICA:

Aganadesia indecora
Anastrepha mombinpraeoptans
Ectomyelois ceratoniae
E. muricis
Lyctus brunneus
Monomorium destructor
Neodryocetes caribaeus
Palaeopus costicollis
Pectinophora gossypiella
Pseudococcus neobrevipes
Subulina octona
Vinsonia stellifera

JAPAN:

Acrolepia assectella
Aethus indicus
Aleurocanthus spiniferus
Aleurolobus taenabae
Aleurotuberculatus similis
Amyna natalis
Anomala orientalis
Aonidiella inornata
Freivalpalpus obovatus
Callidium rufipenne
Carposina niponensis
Chilo suppressalis
Chrysomphalus bifasciculatus
Coccus pseudomagnoliarum
Cylas formicarius var.
Euscepes postfasciatus
Frankliniella formosae
F. tenuicornis
Haplothrips aculeatus
H. gowdeyi
Hylurgops palliatus
Lampides boeticus
Lepidosaphes pini
L. tuberculata
Leucania loreyi
Macroscytus japonensis

JAPAN—Continued

Mamestra brassicae
Megastigmus tsugaphilus
Morganella longipina
Nezara antennata
Nipponaclerda bivakocensis
Nomophila noctuella
Oligonychus perditus
Opeas pyrgula
Parlatoria zizyphus
Pieris rapae crucivora
Planococcus dorsospinosus
Pseudonidia paeoniae
Pseudococcus pini
Pyrausta nubilalis
Selenothrips rubrocinctus
Spodoptera mauritia
S. mauritia acronyctoides
Stictoptera subobliqua
Taeniothrips gracilis
T. hawaiiensis
Thrips flavus
Trogoderma granarium
Unaspis citri
U. yanagisensis

JAPAN(?):

Arcte coerula
Diaphania itysalis
Ectomyelois ceratoniae
Pheidole megacephala

KOREA:

Chilo suppressalis

KUWAIT:

Trogoderma granarium

KWAJALEIN(?):

Pyrausta nubilalis

LEBANON:

Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Dialeurodes kirkaldyi
Ectomyelois ceratoniae
Trogoderma granarium

LIBERIA:

Leucinodes orbonalis

LIBYA:

Helicella cespitum
H. variabilis
Theba pisana

LUXEMBOURG:

Thrips flavus
Trialetorodes lauri

MEXICO:

Aleurocanthus woglumi
Aleuroplandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus variegatus
Alpheias conspirata
Anastrepha ludens
A. mombinpraeoptans
Anechura vara
Anthonomus albolineatus
Aspidiotus palmae
Aulacoscelis melanocera
Batrachedra linaria
Bradybaena similis
Cactophagus validirostris
Calyptoccephala gerstaeckeri
C. marginipennis
Capaneus letricus
Chalepus aculeicornis
Charidotis seminulum
Chilo lofini
Chrysomphalus personatus
C. sphaerioides
Cigenes delineata
Colonomertus nigritrostris
Conotelus mexicanus
Conotrachelus aguacatae
C. perseae
Ctenochira hectica
C. hierglyphica
C. plicata
Cylas formicarius elegantulus
Deloyala guttata bohemani
Dendrocoris variegatus

Countries of Origin and Insects—Continued

MEXICO—Continued

Deuterocamptia atomaculata
Diabrotica lepida
D. porracea
Diachus auratus
Dialeurodes citrifolii
Dyscinetus laevipunctatus
Ectomyelois muriscis
Epilachna borealis var.
E. mexicana
Epinotia aporema
Evers comynias
Exptochiomera formosa
E. oblonga
Frankliniella williamsi
Gnorimoschema gudmanella
Grapholitha packardii
Gynaikothrips ficorum
Helicina zephyrina
Helix aspersa
Heterotermes convezinotatus
Hileithia decostalis
Homogamia mexicana
Iridomyrmex iniquus
Lepidosaphes philococcus
Ligyrocoris aurivilliana
Lygus lineolaris
Micrapate labialis
Moodna bisinuella(?)
Myelobia smerinthia
Neoleucinodes elegantalis
Neolobophora inopinata
Ogdoecosta bianularis
O. catenulata
Ophraea maculicollis
Parisoschoenus flavolimbatus
Pectinophora gossypiella
Phelypera distigma
Phlegyas annulicrus
Physonota alutacea
Plagiodera congesta
Platoceticus symmetrica
Pulo mexicanus
P. ulker
Rumina decollata
Stenomoma catenifer
Subulina octona
Sylepta reginalis
Talponia batei
Tenuhecoris angustimarginatus
T. bicolor
T. confusus
Trialeurodes similis
T. vitrinellus
Trionymus sacchari
Trochuda raspa
Trogoderma glabrum
T. inclusum
T. ornatum
T. parabile
Trogozylon aequale
T. prostomoides

MIDWAY ISLANDS:

Gnaphalocroci medinalis

MOROCCO:

Cochlicella barbara
C. ventrosa
Helicella caperata
H. maritima
Metopoplax ditomoides
Oula lactea
O. vermiculata
Sitona lineata(?)
Theba pisana
Trogoderma inclusum
T. ornatum
Xeroleuca mograbina

MOROCCO(?):

Copris hispanus

NETHERLANDS:

Acrolepia assectella
Adoxophyes orana
Brevipalpus obovatus
Bruchus affinis
Cassida nebulosa
Dialeurodes chittendeni

NETHERLANDS—Continued

Empoasca flavescens
Eriophyes canestrinii
Frankliniella intonsa
Haplothrips aculeatus
Hypera postica
Lygus rugulipennis
Myzus ascalonicus
Phytomyza rufipes
Stenotarsonemus laticipes
Taeniothrips atratus
Tenuipalpus punicae
Tetranychus viennensis
Thrips flavus
T. major
Trogoderma granarium
Unaspis euvonymi

NETHERLANDS NEW GUINEA:

Cosmopolites sordidus

NETHERLANDS WEST INDIES:

"*Targionia*" *hartii*

NEW GUINEA:

Cosmopolites sordidus

NEW ZEALAND:

Lepidosaphes tuberculata
Plusia chalcitis

NICARAGUA:

Anastrepha mombinpraeoptans
A. serpentina
Chrysomphalus calurus
C. personatus
Pseudischiaspis longissima

NIGERIA:

Heterobostrychus brunneus
Trogoderma granarium
Xyloperthella picea

NORTHERN IRELAND:

Phytomyza rufipes

NORWAY:

Argyresthia conjugella
Evergestis forficatis
Frankliniella intonsa
Taeniothrips atratus
T. ericae

OKINAWA:

Chalciope hyppasia
Pheidole megacephala

PAKISTAN:

Sinozydon anale
Trogoderma granarium
Vinsonia stellifera

PANAMA:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Cecilioidea acicula
Cephaloleia pretiosa
Megasoma elephas
Metamasius hemipterus sericeus
Nasutitermes corniger
Platypus rugulosus
Subulina octona
Vinsonia stellifera

PERU:

Delphacodes tea-pae
Dinoderus bifoveolatus
Pagiocerus florii

PHILIPPINES:

Aethus indicus
Caryedon fuscus
Coptotermes vastator
Cylas formicarius
C. formicarius var.
Ectomyelois ceratoniae
Mirperus ferrugineus
Monomorium destructor
Parlatoria zizyphus
Phenacoccus hirsutus
Polytus mellerborgii
Unaspis yanonensis

POLAND:

Curculio nucum
Frankliniella intonsa
Haplothrips tritici
Taeniothrips atratus

PORTUGAL:

Archips pronubanus(?)

Countries of Origin and Insects—Continued

PORTUGAL—Continued

Ardis sulcata
Arion ater
Ceratitis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Helicella asperata
H. variabilis
Laspeyresia splendana
Pyrausta nubilalis
Trogoderma granarium

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa(?)
Ceratomyza ruficornis
Crambus ligonellus
Diaprepes abbreviatus var.
Euscapes postfasciatus
Maruca testulalis
Metamasius hemipterus hemipterus
Nasutitermes costalis
Pheidole megacephala

REPUBLIC OF THE CONGO:

Callosobruchus phaseoli
Caryedon fuscus
Cryptophlebia leucotreta

RUMANIA:

Podagrica fuscicornis

SCOTLAND:

Fieberocarpus flaveolus(?)
Gelechia ericetella
Micrelus ericae
Orthotylus ericetorum
Taeniothrips atratus
T. ericae
Thrips flavus
T. major

SINGAPORE:

Antonia graminis
Cylas formicarius var.
Parlatoria zizyphus
Pinnaeppis orchidarum
Trogoderma granarium

SOUTH PACIFIC:

Spodoptera mauritia acronyctoides

SPAIN:

Agriotes lineatus
Arion ater
Brachycerus algerius
Ceratitis capitata
Cochlicella barbara
Cryptoblabes gnidiella
Curculio elephas
Dyspessa ulula
Helicella striata(?)
H. virgata
Helix aspersa
Laspeyresia splendana
Parlatoria zizyphus
Pteris brassicae
Pseudococcus citricus
Theba pisana
Thrips angusticeps

SUDAN:

Trogoderma granarium

SURINAM:

Vinsonia stellifera

SWEDEN:

Argyresthia conjugella
Frankliniella intonsa
Phytomyza rufipes
Taeniothrips atratus

SWITZERLAND:

Adela ochensheimeriella
Laspeyresia strobilella
Psylla rhododendri
Rhipsiella cacticans
Stenoptilia stigmatodactyla
Taeniothrips atratus

TAHITI:

Morganella longispina
Parlatoria zizyphus
Selenothrips rubrocinctus

THAILAND:

Cylas formicarius var.
Phyllocnistis citrella(?)

TRINIDAD:

Dercynus micronyx
Euscapes postfasciatus
Sylepta elevata
Vinsonia stellifera

TUNISIA:

Ceratitis capitata

TURKEY:

Blastodacna atra
Cecilioides acicula
Ceratitis capitata
Helicella derbentina
H. variabilis

UNION OF SOUTH AFRICA:

Blissus diplopterus
Ceratitis capitata
Cordylomera spinicornis
Cryptophlebia leucotreta
Dictyophorus spumans
Epichorista ionephela
Frankliniella schultzei
Haplothrips gowdeyi
H. nigricornis
Opogona sacchari
Oryctes rufiventris
Phlyctinus callosus
Trogoderma granarium

UNION OF SOVIET SOCIALIST REPUBLICS:

Agriotes obscurus
Petrova resinella

UNITED ARAB REPUBLIC:

Ceratitis capitata
Dacus oleae
Gnorimoschema ocellatella
Hellula undalis
Lobesia botrana
Trogoderma granarium

UNKNOWN:

Amphimallon majalis
Anastrepha ludens
Argyresthia conjugella
Bothynus cuniculus
Ceratitis capitata
Chilo suppressalis
Conoderus bifoveatus
C. pallipes
Cretonotos gangis
Diocalandra latensis
Eutheola rugiceps
Euricania splendida
Frankliniella intonsa
Haplothrips dianthinus
Hypera nigrostris
Limothrips denicornis
Lyctus brunneus
Myzus ascalonicus
Oryctes hyalinipennis
Parlatoria cinerea
P. zizyphus
Plagiognathus albipennis
Rhagoletis cerasi
Spodoptera pecten(?)
Sternonchus mangiferae
Taeniothrips atratus
Tetranychus cinnabarinus
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
T. inclusum
T. ornatum
T. parabile
Unaspis citri
Xylomeira torquata

VENEZUELA:

Rephrata maculicollis
Stenomacra catenifer
Subulina octona
Talurus rugosus

Countries of Origin and Insects—Continued

VIETNAM:

*Heterobostrychus aequalis**Monomorium destructor*

WAKE ISLAND(?):

*Conoderus pallipes**Nomophila noctuella**Pachybrachius nigriceps**Pyrausta nubilalis*

WEST PACIFIC:

Aethus indicus

WEST PACIFIC—Continued

*Frankliniella formosae**Pyrausta nubilalis**Schoenobius incertulas**Taeniothrips hawaiiensis**Theretra tryoni*

YUGOSLAVIA:

*Baris lepidii**Hypoborus ficus**Laspeyresia splendana*

Pests Collected and Reported From July 1, 1959, Through June 30, 1960

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Alternaria celosiae</i> (Tassi) Savulescu: <i>Celosia argentea</i> (feather cockscomb).....	Mexico.....	1			Tex.
† <i>Alternaria cucumerina</i> (Ell. & Ev.) J. A. Elliott: <i>Cucurbita</i> sp.	Union of South Africa.....		1		Tex.
† <i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus caryophyllus</i> (carnation) leaf.....	Argentina.....	1			N.Y.
† <i>Alternaria zinniae</i> Pape: <i>Zinnia elegans</i> (common zinnia) seed.....	England, Germany.....			2	N.J.
<i>Anguina tritici</i> (Steinbuch) Filip.: <i>Triticum monococcum</i> (wild einkorn) seed.....	Italy (?).....	1			N.J.
† <i>Aphelenchoides blastophthorus</i> Franklin: <i>Convallaria majalis</i> (lily-of-the-valley).....	England.....			1	N.Y.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie: <i>Eletilla hyacinthina</i> (orchid) stem.....	Japan.....			1	N.J.
† <i>Aphyia rhynchosiae</i> (Kaltb. & Cke.) Th. & Syd.: <i>Fumaria</i> sp. (herbarium specimen).....	Canada.....	1			N.J.
† <i>Ascochyta conorum</i> P. Henn.: <i>Picea</i> sp. (spruce) cone scale.....	France.....			1	N.Y.
† <i>Ascochyta fabae</i> Speg.: <i>Vicia faba</i> (broadbean) seed.....	Italy.....			2	N.Y.
† <i>Asterina pulchella</i> Petr.: <i>Polygala jamaicensis</i> (leaf).....	Jamaica.....	1			Mass.
† <i>Atichia glomerulosa</i> (Ach.) Stein: <i>Abies</i> sp. (fir) stem.....	Germany.....	1			Oreg.
† <i>Camarosporium citri</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia.....		1		Hawaii.
<i>Cercospora angraci</i> Feuill. & Roum.: <i>Stanhoepea</i> sp. (orchid) leaf.....	Ecuador.....			1	N.Y.
<i>Cercospora brachiata</i> Ell. & Ev.: <i>Phaseolus vulgaris</i> var. (string bean) pod.....	Puerto Rico.....	1			Ill.
<i>Cercospora cyripedii</i> Ell. & Dearn.: <i>Lycaste</i> sp. (orchid) leaf.....	Mexico.....			1	Tex.
<i>Cercospora kaki</i> Ell. & Ev.: <i>Diospyros kaki</i> (kaki persimmon).....	Japan.....		1		Calif.*
† <i>Cercospora purpurea</i> Oke.: <i>Persea americana</i> (avocado).....	Guatemala.....		1		Tex.
† <i>Cercospora liliicola</i> (Richon) Sacc.: <i>Lapageria rosea</i> (red chilebells) leaf.....	Chile.....		1		Fla.
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron ferrugineum</i> (rock rhododendron) leaf.....	†Italy, Switzerland.....	12			N.J.
<i>R. glaucum</i> (spiceleaf rhododendron) leaf.....	Canada.....			1	Wash. N.J.
<i>R. hirsutum</i> (garland rhododendron) leaf.....	†Italy, Switzerland.....	3			Wash. Ill., Mass., N.Y.
<i>R. uniflorum</i> (leaf).....	Canada.....			1	
<i>Rhododendron</i> sp. (leaf).....	Austria, Switzerland, †Yugoslavia.....	9			
† <i>Cladosporium epiphyllum</i> (Pers.) Mart. var. <i>acerinum</i> Sacc.: <i>Acer platanoides</i> (Norway maple) seed.....	Union of Soviet Socialist Republics.....			1	D.C.
† <i>Coleosporium asterum</i> (Diet.) Syd.: <i>Callistephus chinensis</i> (China aster).....	Cuba.....	1			Fla.
† <i>Coniothecium citri</i> McAlp.: <i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....		1		Tex.
† <i>Coniothecium scabrum</i> McAlp.: <i>Citrus limon</i> (lemon).....	Portugal.....		1		Fla.
<i>C. reticulata</i> (Mandarin orange).....	Japan.....		1		Fla.
† <i>Coniothyria agaves</i> (Dur. & Mont.) Petr. & Syd.: <i>Agave victoriae-reginae</i>	Mexico.....			1	Tex.
† <i>Coniothyrium aucubae</i> Sacc.: <i>Aucuba japonica</i> (leaf).....	Belgium.....			1	N.J.
† <i>Coniothyrium insitivum</i> Sacc.: <i>Prunus persica</i> (peach).....	Mexico.....	1			Tex.
† <i>Coryneum triseptatum</i> Pk.: <i>Rhododendron yakushimanum</i>	Japan.....			1	Hawaii.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed.....	New Zealand, Norfolk Island.....			13	Calif.,* N.J.
<i>Cumminsia mirabilissima</i> (Pk.) Nannf.: <i>Mahonia aquifolium juglandifolia</i> 'Vicar'.....	Netherlands.....			1	D.C.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Curcularia geniculata</i> (Tracy & Earle) Boed.: <i>Oryza sativa</i> (rice) glumes	Brazil	1			Fla.
<i>Cylindrosporium camelliae</i> Gz. Frag.: <i>Camellia japonica</i> (common camellia)	Japan			1	Calif.*
† <i>Cytospora intermedia</i> Sacc.: <i>Quercus palustris</i> (pin oak) seed	Italy			1	N.J.
† <i>Cytospora palmicola</i> Berk & Curt.: <i>Cocos nucifera</i> (coconut) husk	Cuba, Guam	1		1	Fla., Hawaii.
† <i>Dasturella divina</i> (Syd.) Mund. & Keshw.: <i>Sasa palmata</i> (bamboo) leaf	Formosa	1			Oreg.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson: <i>Fragaria</i> sp. (strawberry) leaf	Germany			1	N.Y.
<i>Diaporthe eres</i> Nits.: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed	Norfolk Island			1	N.Y.
<i>Corylus avellana</i> 'Curly'	Netherlands			1	N.Y.
<i>Cotinus coggygria</i> 'Rubrifolia'	do			1	N.Y.
<i>Diplodia epicocos</i> Cke.: <i>Cocos nucifera</i> (coconut) husk	†Bahamas, Guam	5			Fla., Hawaii.
† <i>Diplodia henriquesiana</i> Trav. & Spessa: Orchid (stem)	Burma			1	N.Y.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron laetevirens</i> (Wilson rhododendron) leaf	Netherlands			1	N.J.
<i>R. racemosum</i> (Mayflower rhododendron) leaf and bud	do			1	N.Y.
<i>Ditylenchus destructor</i> Thorne: <i>Dahlia</i> 'Fairy Glen', 'Flora', 'Frolie', 'Lady Jester', 'Match', 'Smiler', 'Sun Rocket', and 'White Gold' (roots)	Union of South Africa			5	N.J.
<i>Dahlia</i> hybrids (roots)	†Switzerland			1	N.J.
<i>Tigridia</i> sp. (bulbs)	Germany			1	N.J.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.: <i>Allium cepa</i> (onion)	Netherlands			1	N.J.
<i>A. sativum</i> (garlic)	Mexico	3			Ariz., Tex.
<i>Narcissus</i> 'Lemon Doré'	England			1	N.J.
<i>Narcissus</i> sp.	do			1	N.J.
† <i>Dothiorella pericarpica</i> Sacc.: <i>Macrozamia denisonii</i> (cycad) seed	Australia			1	Calif.*
† <i>Echinodes bromeliacearum</i> (Rehm) Th. & Syd. var. <i>stellulata</i> (Rehm) F. L. Stevens: <i>Bromeliad</i> (leaf)	Costa Rica			1	Fla.
† <i>Echinodes dendrochili</i> (Lév.) Th.: <i>Odontoglossum biconiense</i> (orchid)	Mexico			1	Tex.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime)	Brazil		3		Calif.*
<i>C. limon</i> (lemon)	Argentina, Brazil		19		Calif.,* Fla., N.Y., Pa., Tex.
<i>C. reticulata</i> (Mandarin orange)	Argentina, Brazil, unknown	3	21		Fla., N.Y.
<i>C. sinensis</i> (sweet orange)	Argentina, Brazil, unknown, Uruguay	4	48		Calif.,* Fla., Md., Mass., N.Y., Pa., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)	Brazil, Mexico	2			N.Y., Tex.
† <i>Elsinoe piri</i> Jenkins: <i>Malus sylvestris</i> (apple)	Germany			1	Fla.
† <i>Entomosporium maculatum</i> Lév.: <i>Cydonia oblonga</i> (quince)	Guatemala	2			Calif.,* Fla.
<i>Fusarium oxysporum</i> Schlecht.: <i>Platyedon</i> sp. (root)	Japan			1	N.J.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>phaseoli</i> Kendrick & Snyder: <i>Phaseolus vulgaris</i> (bean) pods and seeds	Netherlands	1			Mich.
<i>Fusicoccum galericulatum</i> (Tul.) Sacc.: <i>Fagus sylvatica</i> (European beech) stem	do			2	N.J., N.Y.
† <i>Gotholdsteimeria goodeyi</i> (Loof & Oostenbrink) Andassy: Soil with various plants	Canada			1	Mass.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
"Greasy spot": <i>Citrus sinensis</i> (sweet orange) leaf	Mexico	1			Ariz.
<i>Gymnosporangium haraeum</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf tree	Japan			4	Calif.,* Hawaii.
<i>J. chinensis</i> var. <i>sargentii</i>	do			1	Hawaii.
<i>Pyrus</i> sp.	do			1	Hawaii.
<i>Gymnosporangium yamadai</i> Miy.: <i>Malus sylvestris</i> (apple)	do		1		Hawaii.
† <i>Haplosporella dracaenorum</i> (Penz. & Sacc.) Petr.: <i>Dracena</i> sp. (leaf)	Trinidad		1		Fla.
<i>Helicotylenchus nannus</i> Steiner: Soil with plants (<i>Begonia</i> sp., cactus, <i>Crocus</i> sp., fern, <i>Mentha</i> sp., <i>Pelargonium</i> sp., and <i>Rosa</i> hybrid)	Mexico, †Portugal			7	Fla., Mass., Tex.
<i>Helminthosporium torulosum</i> (Syd.) Ashby: <i>Musa paradisica</i> (plantain)	Cuba, †Guatemala	3			Fla., La.
<i>Heterodera avenae</i> (W.) Filip.: Soil with automobiles (new Jaguars)	England	1			Tex.
Soil with <i>Brassica oleracea capitata</i> (cabbage)	Ireland	1			Mass.
Soil with <i>Solanum tuberosum</i> (potato)	England, Germany		2		Fla., Tex.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.: Soil samples	Mexico	1			Ariz.
Soil with plants (<i>Begonia</i> sp., cactus, <i>Citrus</i> sp., <i>Coleus</i> sp., <i>Crassulaceae</i> , <i>Mentha spicata</i> , and various potted plants)	Brazil, Germany, Mexico, New Zealand, Switzerland.			21	Ariz., Calif.* Mich., N.J., Tex.
Soil with railway car	Mexico		3		Ariz., Tex.
<i>Heterodera punctata</i> Thorne: Soil with automobiles	England	5			Ala., Fla., Md., Tex.
Soil with plants (<i>Calluna vulgaris</i> , <i>Ficus elastica</i> , Malvaceae, <i>Philodendron</i> sp., <i>Rosa</i> hybrid, and unidentified plants)	†Canada, †Czechoslovakia, Mexico, Northern Ireland, Scotland.			6	Fla., Mass., Mich., Tex.
<i>Heterodera rostochiensis</i> Wr.: Soil (vial in purse)	England	1			N.J.
Soil with automobiles (new and used)	England, Germany	5			Ala., Fla., Tex.
Soil with <i>Picea</i> sp. (spruce)	Germany	1			Mass.
Soil with plants (unidentified and <i>Zantedeschia aethiopica</i>)	Mexico	1		2	Calif., Tex.
Soil with stores (<i>Allium porrum</i> , <i>Apium graveolens</i> , <i>Armoracia rusticana</i> , <i>Beta vulgaris</i> , <i>Solanum tuberosum</i> , and <i>Ullucus tuberosus</i>)	Argentina, England, Germany, Peru, Spain.		10		Fla., La., Md., Mass., Tex.
<i>Heteropatella vattelinensis</i> (Trav.) Wr.: <i>Dianthus</i> sp.	Canada			1	Wash.
† <i>Heterosporium allii</i> Ell. & G. Mart.: <i>Allium cepa</i> (onion) tops	Japan		2		Calif.*
<i>A. porrum</i> (leek)	Guatemala, Japan		2		Calif.,* Fla.
<i>Heterosporium ornithogalli</i> (Klotzsch) Oke.: <i>Ornithogalum thyrsoides</i> (Cape chinkerichiee)	Union of South Africa	3			Mass., N.J.
<i>Hormiscium pinophyllum</i> (Nees) Lind.: <i>Abies</i> sp. (fir) stem	Germany	1			Oreg.
† <i>Karstenula philadelphia</i> Oud.: <i>Philadelphus virginialis</i> 'Virginal'	Netherlands			1	Wash.
† <i>Lembosia warszewicziae</i> P. Henn.: <i>Mazillaria</i> sp. (orchid)	Costa Rica			1	Fla.
† <i>Leptosphaeria coffeigena</i> (Berk. & Cke.) Sacc.: <i>Coffea</i> sp. (coffee) leaf	do	1			Tex.
† <i>Macrophoma anthurii</i> Trinch.: <i>Anthurium</i> sp. (leaf)	Trinidad			1	Fla.
<i>Macrophoma araucariae</i> De Lee.: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed	New Zealand, Norfolk Island.			12	Calif.*
† <i>Macrophoma cocos</i> Pass.: <i>Cocos nucifera</i> (coconut) caps	Costa Rica	6			Calif.*
<i>Macrophoma oleandri</i> Pass.: <i>Nerium oleander</i> (leaf)	Bermuda	1			Mass.
† <i>Marmor cucumeris</i> Holmes: <i>Daphne cneorum</i> 'White'	England			1	N.J.
<i>Marmor rosae</i> Holmes: <i>Rosa</i> hybrid (leaf)	†Cuba, Guatemala	1	1		Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Noneatry	Propagation	
<i>Marssonina juglandis</i> (Lib.) Magn.:					
<i>Juglans regia</i> (Persian walnut) leaf	Greece	1			N.Y.
<i>Meliolina haplochaeta</i> Syd.:					
<i>Metrosideros</i> sp. (iron tree)	Hawaii	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp. (plant)	Mexico			1	Tex.
<i>Caladium x hortulanum</i> 'Candidum' (tuber)	Guatemala			1	N.J.
<i>Dahlia</i> hybrids (roots)	Japan			2	Calif.,* Wash.
<i>Euonymus alatus</i> (winged euonymus) plants	do.			1	Calif.,*
<i>Gladiolus</i> hybrid (corms)	do.			10	Calif.,* Wash.
Plants—unidentified	Mexico			1	Tex.
<i>Zantedeschia</i> sp. (calla lily) bulb	Japan			1	Fla.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Acanthus perrinii</i> (root)	England			1	N.J.
<i>Callicarpa</i> sp. (beautyberry) root	Netherlands			1	N.Y.
<i>Clematis viticella alba</i> 'Luxurians'	England			1	N.J.
<i>Clematis</i> hybrid (roots)	Netherlands			2	N.J., N.Y.
<i>Dahlia</i> hybrid (roots)	Australia, Japan			2	Calif.,* Wash.
<i>Gladiolus</i> hybrid (corm)	Japan			1	Calif.*
<i>Hepatica</i> sp. (root)	Netherlands			1	N.Y.
<i>Leontopodium alpinum</i> (common edelweiss) root	do.			1	N.Y.
<i>Rosa</i> hybrid (roots)	Germany, †Northern Ireland.			3	N.J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Brassica rapa</i> (turnip)	Mexico	2			Tex.
<i>Gladiolus</i> hybrid (corms)	Japan			10	Calif.*
<i>Polianthes tuberosa</i> (tuberose)	do.			2	Calif.*
<i>Meloidogyne incognita acrita</i> Chitwood:					
<i>Astilbe</i> 'Red Sentinel' (root)	Netherlands			1	N.J.
<i>Coriandrum sativum</i> (coriander) root	†Dominican Republic	1			Fla.
<i>Echeveria</i> sp. (root)	Cuba	1			N.Y.
<i>Euphorbia</i> sp. (root)	Mexico	1			Ariz.
<i>Gladiolus</i> hybrid (corms)	Japan			4	Calif.,* Wash.
<i>Solanum tuberosum</i> (potato)	Brazil		1		Pa.
<i>Thunbergia</i> sp. (clockvine) root	do.			1	D.C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Adenia globosa</i> (plant)	Kenya			1	Calif.*
<i>Colocasia esculenta</i> (dasheen)	Cuba		1		Pa.
<i>Dahlia</i> hybrid (root)	Japan			1	Wash.
<i>Lycopersicon esculentum</i> (tomato) root	†Haiti	1			P.R.
† <i>Micropellis orchidearum</i> P. Henn. (?):					
<i>Miltonia roezlii</i> (pansyorchid)	Canal Zone			1	Fla.
† <i>Microstroma tonellianum</i> Ferr.:					
<i>Prunus serotina</i> (black cherry) pits	Unknown		1		Mich.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	Italy, †Norway	2			N.Y.
<i>Prunus domestica</i> (plum)	†Czechoslovakia	1			N.Y.
<i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Sobralia leucozantha</i> (orchid) leaf	Canal Zone			1	Fla.
<i>Mycosphaerella fragariae</i> (Tul.) Lind.:					
<i>Fragaria</i> sp. (strawberry) leaves	Germany			2	Mass.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion)	Belgium, Japan		14		Calif.*
<i>A. cepa solaninum</i> (multiplier onion) leaf	Japan		1		Calif.,*
<i>A. porrum</i> (leek) leaves	do.		20		Calif.,* Hawaii.
<i>A. sativum</i> (garlic) bulb and leaf	France, †Mexico	1	1		Calif.*
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan:					
<i>Oryza sativa</i> (rice) grain and hulls	Japan		58		Calif.*
† <i>Papularia sphaerosperma</i> (Lk.) Hoehn.:					
Bamboo (dried stem)	Bermuda, Switzerland	2			Calif.,* Mass.
† <i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
Orchid (leaf)	Ecuador			1	Calif.*
† <i>Papulaspora rubida</i> Hotson:					
<i>Tulipa</i> hybrid (bulb)	Switzerland			1	Ill.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Peronospora schachtii</i> Fekl.: Beta vulgaris cicla (Swiss chard).....	Japan		1		Calif.*
<i>Phaeoseptoria oryzae</i> Miyake: Oryza sativa (rice).....	do	1			Hawaii.
† <i>Phakopsora gossypii</i> (Arth.) Hirat. f.: Gossypium sp. (cotton; leaf).....	Bahamas	1			Nassau.
<i>Phoma citricarpa</i> McAlp.: Citrus aurantium (sour orange).....	Japan		1		Calif.*
C. grandis (pummelo).....	Hong Kong		1		Calif.*
C. ichangensis x C. reticulata (ichandarin).....	Japan		1		Calif.*
C. limon (lemon).....	Australia, Union of South Africa, unknown.		10		Calif.,* Hawaii, Mich., N.Y., Tex.
C. paradisi (grapefruit).....	Australia, Thailand, Union of South Africa.		3		Calif.,* Hawaii.
C. reticulata (Mandarin orange) fruit and dried peel.	China, Formosa, Hong Kong, Japan.	14	5		Calif.,* Hawaii, Wash.
C. sinensis (sweet orange) fruit and dried peel.	Africa (country(?)), Australia, Brazil, China, Federation of Malaya, Formosa, Hong Kong, Japan, Mozambique, New Zealand, Union of South Africa, unknown.	21	36		Calif.,* Fla., Ga., Ha- waii, La., Md., Mass., Mich., N.J. N.Y., Pa., Tex., Va., Wash.
Citrus sp. (fruit and dried peel).....	China, Formosa, Hong Kong, Japan, unknown.	14	2		Calif.,* Fla., Hawaii, Mass., Mich., Tex.
<i>Phoma herbarum</i> West.: Erigeron glaucus? Forsters Liebling?.....	England			1	N.J.
† <i>Phoma nebulosa</i> (Fr.) Berk.: Pastinaca sativa (parsnip).....	Germany		1		Calif.*
<i>Phoma samararum</i> Desm.: Frazinus excelsior (European ash) seed.....	Italy			1	N.J.
† <i>Phoma weigeliae</i> Speg.: Weigelia 'Golden Horn' (stem).....	England			1	N.J.
<i>Phomopsis cocoes</i> Petch.: Cocos nucifera (coconut).....	Hawaii, unknown	2			Calif.,* Tex.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: Areca cathecu (betel nut) caps.....	Guam	1			Calif.*
† <i>Phomopsis pterophila</i> (Fekl.) Died.: Frazinus excelsior (European ash) seed.....	Italy			1	N.J.
† <i>Phomopsis velata</i> (Sacc.) Hoehn.: Tilia sp. (scions).....	Netherlands			1	N.J.
<i>Phyllachora canafistulae</i> F. L. Stevens & Dalbey: Cassia grandis (pinkshower senna) leaf.....	Canal Zone			1	Fla.
<i>Phyllachora engleri</i> Speg.: Anthurium sp. (leaf).....	Colombia			1	Fla.
<i>Phyllosticta aucubicola</i> Sacc.: Aucuba japonica (leaf).....	Belgium			1	N.J.
† <i>Phyllosticta capitalensis</i> P. Henn.: Orchid (leaf).....	Brazil			1	N.Y.
† <i>Phyllosticta coccolobae</i> Ell. & Ev.: Coccoloba uviferum (seagrape) leaf.....	Mexico			1	Tex.
† <i>Phyllosticta hedericola</i> Dur. & Mont.: Hedera sp. (ivy) leaf.....	England(?)		1		N.Y.
† <i>Phyllosticta musarum</i> (Oke.) Petr.: Musa sp.....	Japan(?)		1		Hawaii.
† <i>Physalospora wildemaniana</i> Sacc.: Dendrobium sp. (leaf).....	Thailand			1	N.Y.
† <i>Pleospora phragmospora</i> (Dur. & Mont.) Ces.: Agave sp.....	Mexico			1	Tex.
† <i>Pleospora trichostoma</i> (Fr.) Fekl.: Secale cereale (rye) stem.....	Turkey	1			Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Plowrightia vitigulorum</i> (Fr.) Sacc.:					
<i>Betula</i> sp. (birch) bark	Finland	1			N.Y.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen:					
<i>Dahlia</i> 'African Jewel', 'Pretoria', 'Rhapsody', and 'Smiler' (roots)	Union of South Africa			2	N.J.
<i>Dahlia</i> 'Arthur Hambley', 'Earlwood', 'Golden Dust', and 'Jan. Whitby' (roots)	Australia			2	N.J.
<i>Dahlia</i> 'Caroline Kernochan' (roots)	Canada			1	N.J.
† <i>Pratylenchus pratensis</i> (de Man) Filip.:					
<i>Iris kaempferi</i> 'Utamaro' (roots)	Czechoslovakia			1	N.J.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive)	Belgium	1			N.Y.
<i>Pseudomonas tonelliana</i> (Ferr.) Burk.:					
<i>Nerium oleander</i> (leaf and pod)	†Greece, Mexico	1		1	N.Y., Tex.
<i>Psilenchus hilarulus</i> de Man:					
Soil with fern and unidentified plant	Mexico			2	Tex.
† <i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon) leaf	Ireland	1			Mass.
† <i>Puccinia arachidis</i> Speg.:					
<i>Arachis hypogaea</i> (peanut leaf)	Brazil			1	D.C.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Gypsophila</i> sp. (baby's breath) leaf	Portugal	1			N.Y.
<i>Puccinia baccharidis</i> Diet. & Holw.:					
<i>Baccharis glutinosa</i> (seepwillow baccharis)	Mexico	1			Ariz.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (boxwood)	France	1			N.J.
† <i>Puccinia cyperi</i> Arth.:					
<i>Cyperus</i> sp. (?)	Brazil	1			Fla.
† <i>Puccinia gentianae</i> (Strauss) Lk.:					
<i>Gentiana acaulis</i> (stemless gentian) basal leaf	France	1			N.J.
<i>Puccinia hordei</i> Otth:					
<i>Hordeum vulgare</i> (barley)	Japan		1		Wash.
<i>Puccinia horiana</i> P. Henn.:					
<i>Chrysanthemum</i> sp.	do	26	9		Calif.,* Hawaii, N.Y., Wash.
<i>Puccinia longicornis</i> Pat. & Har.:					
<i>Sasa albomarginata</i> (bamboo) leaf	do		1		Calif.*
† <i>Puccinia nakanishikii</i> Diet.:					
<i>Cymbopogon citratus</i> (lemongrass) leaf	do		1		Calif.*
<i>Puccinia oblecta</i> Pk.:					
Cyperaceae (stem)	Mexico	1			Tex.
<i>Scirpus tatora</i> (bulrush) stem	do	1			Tex.
<i>Scirpus</i> sp. (stem)	†Union of South Africa	1			N.Y.
† <i>Puccinia oncidii</i> Cummins:					
<i>Oncidium pubes</i> (orchid) leaf	Brazil			1	Calif.*
<i>Oncidium</i> sp. (leaf)	Ecuador			1	Calif.*
† <i>Puccinia poae-nemoralis</i> Otth:					
<i>Phleum</i> sp. (timothy grass) leaf and stem	Japan		1		Calif.*
† <i>Puccinia praegracilis</i> Arth. var. <i>praegracilis</i> Savile:					
<i>Habenaria leucostachys</i> (milkwite habenaria)	Alaska			1	Wash.
<i>Habenaria</i> sp.	do			1	Wash.
† <i>Puccinia schedonnardi</i> Kell. & Swing.:					
<i>Gossypium</i> sp. (cotton; boll)	Bermuda	1			N.Y.
<i>Puccinia striiformis</i> West.:					
<i>Secale cereale</i> (rye) stem	Germany	1			Wash.
<i>Triticum aestivum</i> (wheat)	†Iran, †Union of Soviet Socialist Republics	2			Calif.,* N.Y.
† <i>Puccinia violae</i> (Schum.) DC.:					
<i>Viola</i> sp. (violet) leaf	Italy	1			N.Y.
† <i>Pucciniastrum arcticum</i> Tranz.:					
<i>Rubus chamaemorus</i> (cloudberry) leaf	Norway			1	N.Y.
<i>Pyrenochaeta oryzae</i> Shirai:					
<i>Oryza sativa</i> (rice) leaf and stem	Japan		1		Calif.*
† <i>Pyrenophora graminea</i> Ito & Kuribay:					
<i>Triticum</i> sp. (wheat) leaf	do		1		Calif.*
† <i>Sclerotinia candolleana</i> (Lév.) Fekl.:					
<i>Quercus</i> sp. (oak) leaf	England			1	Ill.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sclerotopsis concava</i> (Desm.) Shear & Dodge: Paeonia sp. (peony) stem	Netherlands			1	N.Y.
† <i>Scolecopeltidium bakeri</i> F. L. Stevens & Manter: Miltonia roezlii (pansyorchid)	Canal Zone			1	Calif.*
Oncidium ornithorhynchum (orchid) leaf	Mexico			1	Tex.
Orchid (leaf)	do.			1	Tex.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy: Soil with cactus and unidentified plants	Mexico			2	Tex.
† <i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson: Secale cereale (rye) glume	Spain	1			Calif.*
<i>Septoria azaleae</i> Vogl.: Rhododendron indicum (indica azalea)	Belgium			1	N.Y.
Rhododendron sp. (azalea) leaf	Netherlands			1	N.Y.
<i>Septoria citri</i> Pass.: Citrus limon (lemon)	†Brazil, Italy, Spain		9		Calif.,* La., Tex.
C. reticulata (Mandarin orange)	Italy		1		Fla.
C. sinensis (sweet orange)	Italy, Japan		5		Calif.*
<i>Septoria leucanthemi</i> Sacc. & Speg.: Chrysanthemum sp.	Japan	1			Hawaii.
<i>Septoria nodorum</i> Berk.: Triticum aestivum (wheat)	Italy	1			Ohio.
<i>Septoria oryzae</i> Catt.: Oryza sativa (rice) hull, leaf, seed, and stem	Japan	6	29		Calif.*
† <i>Septoria rhipidospora</i> Mass.: Gentiana sp. (gentian) leaf	Switzerland	1			Calif.*
<i>Septoria selenophomoides</i> Cash & Watson: Cattleya guttata (orchid) leaf	Brazil			1	N.J.
C. guttata var. prinzi (leaf)	do.			1	N.J.
Dendrobium sp. (orchid) leaf	†Australia			1	Calif.*
Epidendrum sp. (orchid) leaf	Costa Rica			1	Calif.*
Odontoglossum sp. (orchid)	Mexico			1	Tex.
Oncidium sp. (orchid) leaf	do.			1	Tex.
Orchid (leaf)	Costa Rica, Guatemala, India, Mexico.			5	Calif.,* Tex.
† <i>Speira cymbidii</i> Verpl.: Oncidium sp. (orchid) pseudobulb	Guatemala			1	Tex.
<i>Sphaceloma javocetti</i> Bitanc. & Jenkins var. scabiosa (McAlp. & Tryon) Jenkins: Citrus limon (lemon)	Australia, New Zealand, Australia	1	13		Hawaii.
C. sinensis (sweet orange)	Australia		1		Hawaii.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins: Punica granatum (pomegranate)	Mexico		6		Ariz., Tex.
† <i>Sphaceloma spondiatis</i> Bitanc. & Jenkins: Spondias cytherea (vi-apple)	British Guiana		1		Fla.
† <i>Sphaerella gardeniae</i> Oke. (?): Gardenia augusta	Hawaii		1		Hawaii.
<i>Sphenospora kevorikantii</i> Linder: Epidendrum sp. (orchid) leaf	Bahamas, Cuba			3	Fla.
Huntleya buriti (orchid) leaf	Panama			1	Fla.
<i>Sphenospora mera</i> Cummins: Orchid (leaf)	Ecuador			1	Calif.*
† <i>Stemphylium sarcinaeforme</i> (Cav.) Wiltsh.: Crocus biflorus (Scotch crocus) corms	Italy			1	N.J.
† <i>Stomiopeltis citri</i> Bitanc.: Citrus reticulata (Mandarin orange)	Japan		1		Hawaii.
† <i>Tranzschelia discolor</i> (Reck.) Traut. & Litv.: Prunus persica (peach)	Mexico		1		Tex.
<i>Trematosphaerella oryzae</i> (Miyake) Padw.: Oryza sativa (rice) leaf and stem	Japan	1	1		Calif., Calif.*
<i>Tylenchorhynchus capitatus</i> M. W. Allen: Soil with unidentified plants	†Jamaica, Mexico			3	Fla., Tex.
<i>Uredo behnickiana</i> P. Henn.: Epidendrum fragrans (orchid) leaf	†Nicaragua			2	Fla.
E. mariae (leaf)	Mexico			1	Calif.*
E. pachycarpum (leaf)	†Canal Zone			1	Fla.
Oncidium gardneri (orchid) leaf	Brazil			1	Calif.*
O. micropogon (leaf)	do.			1	Fla.
O. varicosum var. rogersii (leaf)	do.			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum ybagueense</i> (orchid) leaf.....	Brazil.....			1	Fla.
<i>Epidendrum</i> sp. (leaf).....	Canal Zone, Costa Rica.....			2	Fla.
<i>Oncidium</i> sp. (orchid) leaf.....	British Honduras.....			1	Fla.
<i>Uredo guacae</i> Mayor:				1	
<i>Ionopsis utricularioides</i> (orchid) leaf.....	Guatemala.....			1	Fla.
<i>Miltonia roezlii</i> (pansyorchid) leaf.....	Canal Zone.....			1	Fla.
<i>Mormodes</i> sp. (orchid) leaf.....	Peru.....			1	Fla.
<i>Odontoglossum</i> sp. (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Oncidium pusillum</i> (orchid).....	Panama.....			1	D.C.
<i>Trigonidium egertonianum</i> (orchid) leaf.....	Guatemala.....			1	Calif.*
<i>Uredo nidularii</i> P. Henn.:					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid) leaf.....	Guatemala.....			1	Fla.
<i>O. pusillum</i> (leaf).....	†Panama.....			1	Fla.
<i>Oncidium</i> sp. (leaf).....	British Honduras, †Peru.....			2	Fla.
<i>Orchid</i> (leaf).....	†Haiti.....			1	Fla.
† <i>Uredo tillandsiae</i> Cummins:					
<i>Tillandsia</i> sp. (leaf).....	Mexico.....			2	Fla.
<i>Uromyces commelinae</i> Oke.:					
<i>Geogenanthus</i> sp. (leaf).....	Colombia.....			1	Fla.
<i>Uromyces fabae</i> (Gräv.) Oke.:					
<i>Lens culinaris</i> (lentil) leaf and stem.....	Chile, Germany.....	3	1	1	Fla., La., Oreg.
<i>Vicia</i> sp.....	Portugal.....	1			N.J.
<i>Uromyces trifolii</i> (DC.) Lev.:					
<i>Trifolium repens</i> var. (shamrock) leaf.....	Ireland.....	1			Oreg.
† <i>Ustilago grandis</i> Fr.:					
<i>Phragmites communis</i> (common reed) stem.....	Germany.....	1			Calif.*
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat) heads.....	England.....	1			N.Y.
<i>Volutella pachysandricola</i> B. O. Dodge:					
<i>Pachysandra terminalis</i> (Japanese pachysandra) leaf.....	Netherlands.....			2	N.J.
† <i>Volutina concentrica</i> Penz. & Sacc.:					
<i>Orchid</i> (leaf).....	Burma.....			1	N.Y.
<i>Xanthomonas citri</i> (Hesse) Dowson:					
<i>Citrus aurantiifolia</i> (sour lime).....	India, Japan Pakistan.....	1	3		Calif.,* Hawaii, Mass., Wash.
<i>C. aurantium</i> (sour orange).....	Japan.....			8	Calif.,* Pa.
<i>C. aurantium</i> var.....	do.....			1	Calif.*
<i>C. grandis</i> (pummelo).....	do.....			1	N.Y.
<i>C. ichangensis</i> x <i>C. reticulata</i> (Ichangdarin).....	do.....			3	Calif.*
<i>C. limon</i> (lemon).....	Japan, unknown.....			8	Calif.,* Hawaii, Tex., Wash.
<i>C. paradisi</i> (grapefruit).....	Japan.....			1	Wash.
<i>C. reticulata</i> (Mandarin orange).....	do.....	2	4		Calif.,* Hawaii.
<i>C. reticulata</i> var. (King orange).....	do.....	1			Hawaii.
<i>C. sinensis</i> (sweet orange) fruit and dried peel.....	China, Hong Kong, Japan.....	11	91		Calif.,* Hawaii, La., Md., N.C., Oreg., Pa., Tex., Wash.
<i>Citrus</i> sp. (fruit and dried peel).....	China, Hong Kong, Japan, Saipan.....	3	2		Calif.,* Hawaii, Mass., Mich.
<i>Xanthomonas</i> sp. (Cancrosis B):					
<i>Citrus limon</i> (lemon).....	Argentina.....			7	La., N.Y., Pa., S.C.
<i>Xiphinema americanum</i> Cobb:					
Soil with <i>Gardenia augusta</i> (plant).....	Mexico.....			1	Tex.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

ABIES:

- Aitichia glomerulosa* (Ascomycetes)
- Hormiscium pinophyllum* (Deuteromycetes)

ACANTHUS:

- Meloidogyne hapla* (Nematoda)

ACER:

- Cladosporium epiphyllum* var. *acerinum* (Deuteromycetes)

ADENIA:

- Meloidogyne javanica* (Nematoda)

AGAVE:

- Coniothyria agaves* (Deuteromycetes)
- Phaeospora phragmospora* (Ascomycetes)

ALLIUM CEPA:

- Ditylenchus dipsaci* (Nematoda)
- Heterosporium allii* (Deuteromycetes)
- Mycosphaerella schoenoprasii* (Ascomycetes)

ALLIUM CEPA SOLANINUM:

- Mycosphaerella schoenoprasii* (Ascomycetes)

ALLIUM PORRUM:

- Heterosporium allii* (Deuteromycetes)
- Mycosphaerella schoenoprasii* (Ascomycetes)

ALLIUM SATIVUM:

- Ditylenchus dipsaci* (Nematoda)
- Mycosphaerella schoenoprasii* (Ascomycetes)

ANTHURIUM:

- Macrophoma anthurii* (Deuteromycetes)
- Phyllachora engleri* (Ascomycetes)

ANTIRRHINUM:

- Puccinia antirrhini* (Promycetes)

ARACHIS:

- Puccinia arachidis* (Promycetes)

ARAUCARIA:

- Cryptospora longispora* (Ascomycetes)
- Diaporthe eres* (Ascomycetes)
- Macrophoma araucariae* (Deuteromycetes)

ARECA:

- Phomopsis palmicola* (Deuteromycetes)

ASTILBE:

- Meloidogyne incognita acrita* (Nematoda)

AUCUBA:

- Coniothyrium aucubae* (Deuteromycetes)
- Phyllosticta aucubicola* (Deuteromycetes)

BACCHARIS:

- Puccinia baccharidis* (Promycetes)

BAMBOO:

- Papularia sphaerosperma* (Deuteromycetes)

BEGONIA:

- Meloidogyne arenaria* (Nematoda)

BETA:

- Peronospora schachtii* (Phycomycetes)

BETULA:

- Plowrightia virgultorum* (Ascomycetes)

BLETILLA:

- Aphelenchoides fragariae* (Nematoda)

BRASSICA RAPA:

- Meloidogyne incognita* (Nematoda)

BROMELIAD:

- Echinodes bromeliacearum* var. *stellulata* (Ascomycetes)

BUXUS:

- Puccinia buxi* (Promycetes)

CALADIUM:

- Meloidogyne arenaria* (Nematoda)

CALLICARPA:

- Meloidogyne hapla* (Nematoda)

CALLISTEPHUS:

- Coleosporium asterum* (Promycetes)

CAMELLIA:

- Cylindrosporium camelliae* (Deuteromycetes)

CASSIA:

- Phyllachora canafistulae* (Ascomycetes)

CATTLEYA:

- Septoria selenophomoides* (Deuteromycetes)

CELOSIA:

- Alternaria celosiae* (Deuteromycetes)

CHRYSANTHEMUM:

- Puccinia horiana* (Promycetes)
- Septoria leucanthemi* (Deuteromycetes)

CICHORIUM:

- Pseudomonas marginalis* (Schizomycetes)

CITRUS AURANTIFOLIA:

- Elsinoe australis* (Ascomycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS AURANTIIUM:

- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS AURANTIIUM VAR.:

- Xanthomonas citri* (Schizomycetes)

CITRUS GRANDIS:

- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS IOCHANGENSIS X C. RETICULATA:

- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS LIMON:

- Camarosporium citri* (Deuteromycetes)
- Coniothecium scabrum* (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)
- Septoria citri* (Deuteromycetes)
- Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)
- Xanthomonas sp.* (Cancrosis B) (Schizomycetes)

CITRUS PARADISI:

- Coniothecium citri* (Deuteromycetes)
- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS RETICULATA:

- Coniothecium scabrum* (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)
- Septoria citri* (Deuteromycetes)
- Stomiopeltis citri* (Ascomycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS RETICULATA VAR.:

- Xanthomonas citri* (Schizomycetes)

CITRUS SINENSIS:

- Elsinoe australis* (Ascomycetes)
- "Greasy spot"
- Phoma citricarpa* (Deuteromycetes)
- Septoria citri* (Deuteromycetes)
- Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS SP.:

- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CLEMATIS:

- Meloidogyne hapla* (Nematoda)

COCCOLOBA:

- Phyllosticta coccilobae* (Deuteromycetes)

COCOS:

- Cytospora palmicola* (Deuteromycetes)
- Diplodia epicocos* (Deuteromycetes)
- Macrophoma cocos* (Deuteromycetes)
- Phomopsis cocos* (Deuteromycetes)

COFFEA:

- Leptosphaeria coffeigena* (Ascomycetes)

COLOCASIA:

- Meloidogyne javanica* (Nematoda)

CONVALLARIA:

- Aphelenchoides blastophthorus* (Nematoda)

CORIANDRUM:

- Meloidogyne incognita acrita* (Nematoda)

CORYLUS:

- Diaporthe eres* (Ascomycetes)

COTINUS:

- Diaporthe eres* (Ascomycetes)

CROCUS:

- Stemphylium sarcinaeforme* (Deuteromycetes)

CUCURBITA:

- Alternaria cucumerina* (Deuteromycetes)

CYDONIA:

- Entomosporium maculatum* (Deuteromycetes)

CYMBOPOGON:

- Puccinia nakanishikii* (Promycetes)

CYPERACEAE:

- Puccinia oblecta* (Promycetes)

CYPERUS(?):

- Puccinia cyperi* (Promycetes)

DAHLIA:

- Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria* (Nematoda)
- M. hapla* (Nematoda)
- M. javanica* (Nematoda)
- Pratylenchus penetrans* (Nematoda)

See footnotes at end of this list.

Hosts and Diseases—Continued

DAPHNE:

†*Marmor cucumeris* (Virus)

DENDROBIUM:

†*Phyllosticta wildemaniana* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)

DIANTHUS:

†*Alternaria dianthi* (Deuteromycetes)†*Heteropateila vattelinensis* (Deuteromycetes)

DIOSPYROS:

†*Cercospora kaki* (Deuteromycetes)

DRACAENA:

†*Haplosporella dracaenorum* (Deuteromycetes)

ECHEVERIA:

†*Meloidogyne incognita acrita* (Nematoda)

EPIDENDRUM:

†*Septoria selenophomoides* (Deuteromycetes)†*Sphenospora kevorkianii* (Promycetes)†*Uredo behnickiana* (Promycetes)†*U. epidendri* (Promycetes)

ERIGERON:

†*Phoma herbarum* (Deuteromycetes)

EUONYMUS:

†*Meloidogyne arenaria* (Nematoda)

EUPHORBIA:

†*Meloidogyne incognita acrita* (Nematoda)

FAGUS:

†*Fusicoccum galericulatum* (Deuteromycetes)

FRAGARIA:

†*Dendrophoma obscurans* (Deuteromycetes)†*Mycosphaerella fragariae* (Ascomycetes)

FRAXINUS:

†*Phoma samararum* (Deuteromycetes)†*Phomopsis pterophila* (Deuteromycetes)

FUMARIA:

†*Aphusa rhynchosiae* (Ascomycetes)

GARDENIA:

†*Sphaerella gardeniae* (?) (Ascomycetes)

GENTIANA:

†*Puccinia gentianae* (Promycetes)†*Septoria raphidospora* (Deuteromycetes)

GEOGENANTHUS:

†*Uromyces commelinae* (Promycetes)

GLADIOLUS:

†*Meloidogyne arenaria* (Nematoda)†*M. hapla* (Nematoda)†*M. incognita* (Nematoda)†*M. incognita acrita* (Nematoda)

GOSSYPIUM:

†*Phakospora gossypii* (Deuteromycetes)†*Puccinia schedonardii* (Promycetes)

GYPSOPHILA:

†*Puccinia arenariae* (Promycetes)

HABENARIA:

†*Puccinia praegracilis* var. *praegracilis* (Promycetes)

HEDERA:

†*Phyllosticta hedericola* (Deuteromycetes)

HEPATICA:

†*Meloidogyne hapla* (Nematoda)

HORDEUM:

†*Puccinia hordei* (Promycetes)

HUNTLEYA:

†*Sphenospora kevorkianii* (Promycetes)

IONOPSIS:

†*Uredo guacae* (Promycetes)

IRIS:

†*Pratylenchus pratensis* (Nematoda)

JUGLANS:

†*Marssonina juglandis* (Deuteromycetes)

JUNIPERUS:

†*Gymnosporangium haraeorum* (Promycetes)

LAPAGERIA:

†*Cercospora liliicola* (Deuteromycetes)

LENS:

†*Uromyces fabae* (Promycetes)

LEONTOPODIUM:

†*Meloidogyne hapla* (Nematoda)

LYCASTE:

†*Cercospora cypripedii* (Deuteromycetes)

LYCOPERSICON:

†*Meloidogyne javanica* (Nematoda)

MACROZAMIA:

†*Dothiorella pericarpica* (Deuteromycetes)

MAHONIA:

†*Cumminsia mirabilissima* (Promycetes)

MALUS:

†*Elsinoe piri* (Ascomycetes)†*Gymnosporangium yamadai* (Promycetes)†*Monilinia fructigena* (Ascomycetes)

MANGIFERA:

†*Elsinoe mangiferae* (Ascomycetes)

MAXILLARIA:

†*Lembosia warscevicziae* (Ascomycetes)

METROSIDEROS:

†*Meliolina haplochaeta* (Ascomycetes)

MILTONIA:

†*Microperitis orchidearum* (?) (Ascomycetes)†*Scotocopellidium bakeri* (Ascomycetes)†*Uredo guacae* (Promycetes)

MORMODES:

†*Uredo guacae* (Promycetes)

MUSA:

†*Helminthosporium torulosum* (Deuteromycetes)†*Phyllosticta musarum* (Deuteromycetes)

NARCISSUS:

†*Ditylenchus dipsaci* (Nematoda)

NERIUM:

†*Macrophoma oleandri* (Deuteromycetes)†*Pseudomonas tonelliana* (Schizomycetes)

ODONTOGLOSSUM:

†*Echidnoides dendrachii* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)†*Uredo guacae* (Promycetes)

ONCIDIUM:

†*Puccinia oncidii* (Promycetes)†*Scotocopellidium bakeri* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)†*Speira cymbidii* (Deuteromycetes)†*Uredo behnickiana* (Promycetes)†*U. epidendri* (Promycetes)†*U. guacae* (Promycetes)†*U. oncidii* (Promycetes)

ORCHID:

†*Diplodia henriquesiana* (Deuteromycetes)†*Papularia vinosa* (Deuteromycetes)†*Phyllosticta capitulensis* (Deuteromycetes)†*Scotocopellidium bakeri* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)†*Sphenospora mera* (Promycetes)†*Uredo oncidii* (Promycetes)†*Volutina concentrica* (Deuteromycetes)

ORNITHOGALUM:

†*Heterosporium ornithogali* (Deuteromycetes)

ORYZA:

†*Curcularia geniculata* (Deuteromycetes)†*Neovossia horrida* (Promycetes)†*Phaeoseptoria oryzae* (Deuteromycetes)†*Pyrenochaeta oryzae* (Deuteromycetes)†*Septoria oryzae* (Deuteromycetes)†*Trematosphaerella oryzae* (Ascomycetes)

PACHYSANDRA:

†*Volutella pachysandricola* (Deuteromycetes)

PAEONIA:

†*Sclerotinia paeonae* (Deuteromycetes)

PASTINACA:

†*Phoma nebulosa* (Deuteromycetes)

PERSEA:

†*Cercospora purpurea* (Deuteromycetes)

PHASEOLUS:

†*Cercospora brachiata* (Deuteromycetes)†*Fusarium oxysporum* f. *phaseoli* (Deuteromycetes)

PHILADELPHUS:

†*Karstenella philadelphi* (Ascomycetes)

PHLEUM:

†*Puccinia poae-nemoralis* (Promycetes)

PHRAGMITES:

†*Ustilago grandis* (Promycetes)

PICEA:

†*Ascochyta conorum* (Deuteromycetes)

PLATYCODON:

†*Fusarium oxysporum* (Deuteromycetes)

POLIANTHES:

†*Meloidogyne incognita* (Nematoda)

POLYGALA:

†*Asterina pulchella* (Ascomycetes)

PRUNUS DOMESTICA:

†*Monilinia fructigena* (Ascomycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

PRUNUS PERSICA:

- †*Coniothyrium inisitivum* (Deuteromycetes)
- †*Tranzschelia discolor* (Promycetes)

PRUNUS SEROTINA:

- †*Microstroma tonellianum* (Basidiomycetes)

PUNICA:

- †*Sphaceloma puniceae* (Deuteromycetes)

PYRUS:

- †*Gymnosporangium haraeum* (Promycetes)

QUERCUS:

- †*Cytospora intermedia* (Deuteromycetes)
- †*Sclerotinia candolleana* (Ascomycetes)

RHODODENDRON:

- †*Chrysomyxa ledi* var. *rhododendri* (Promycetes)
- †*Coryneum triseplatum* (Deuteromycetes)
- †*Diplodina eurhododendri* (Deuteromycetes)
- †*Septoria azaleae* (Deuteromycetes)

ROSA:

- †*Marmor rosae* (Virus)
- †*Meloidogyne hapla* (Nematoda)

RUBUS:

- †*Pucciniastrum arcticum* (Promycetes)

SASA:

- †*Dasturella divina* (Promycetes)
- †*Puccinia longicornis* (Promycetes)

SCIRPUS:

- †*Puccinia oblecta* (Promycetes)

SECALE:

- †*Pleospora trichostoma* (Ascomycetes)
- †*Puccinia striiformis* (Promycetes)
- †*Selenophoma donacis* (Deuteromycetes)

SOBRALIA:

- †*Mycosphaerella cattleyae* (Ascomycetes)

SOIL:

- †*Goetholdsteiniera goodeyi* (Nematoda)
- †*Helicotylenchus nannus* (Nematoda)
- †*Heterodera avenae* (Nematoda)
- †*H. cacti* (Nematoda)
- †*H. punctata* (Nematoda)
- †*H. rostochiensis* (Nematoda)
- †*Psilenchus hilarulus* (Nematoda)
- †*Scutellonema brachyurum* (Nematoda)

SOIL—Continued

- †*Tylenchorhynchus capitatus* (Nematoda)
- †*Xiphinema americanum* (Nematoda)

SOLANUM:

- †*Meloidogyne incognita acrita* (Nematoda)

SPONDIAS:

- †*Sphaceloma spondiadis* (Deuteromycetes)

STANTHOPEA:

- †*Cercospora angraci* (Deuteromycetes)

THUNBERGIA:

- †*Meloidogyne incognita acrita* (Nematoda)

TIGRIDIA:

- †*Ditylenchus destructor* (Nematoda)

TILIA:

- †*Phomopsis velata* (Deuteromycetes)

TILLANDSIA:

- †*Uredo nidularii* (Promycetes)
- †*U. tillandsiae* (Promycetes)

TRIFOLIUM:

- †*Uromyces trifolii* (Promycetes)

TRIGONIDIUM:

- †*Uredo quacae* (Promycetes)

TRITICUM:

- †*Anguina tritici* (Nematoda)
- †*Puccinia striiformis* (Promycetes)
- †*Pyrenophora graminea* (Ascomycetes)
- †*Septoria nodorum* (Deuteromycetes)
- †*Ustilago tritici* (Promycetes)

TULIPA:

- †*Papulaspora rubida* (Deuteromycetes)

VICIA:

- †*Ascochyta fabae* (Deuteromycetes)
- †*Uromyces fabae* (Promycetes)

VIOLA:

- †*Puccinia violae* (Promycetes)

WEIGELIA:

- †*Phoma weigeliae* (Deuteromycetes)

ZANTEDESCHIA:

- †*Meloidogyne arenaria* (Nematoda)

ZINNIA:

- †*Alternaria zinniae* (Deuteromycetes)

Hosts Unknown

Plants—Unidentified:

- †*Meloidogyne arenaria* (Nematoda)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFRICA (country(?)):

Phoma citricarpa

ALASKA:

†*Puccinia praegracilis* var. *praegracilis*

ARGENTINA:

†*Alternaria dianthi*

Elsinoe australis

Heterodera rostochiensis

Xanthomonas sp. (Cancrosis B)

AUSTRALIA:

†*Camarosporium citri*

†*Dothiorella pericarpa*

Meloidogyne hapla

Phoma citricarpa

Pratylenchus penetrans

†*Septoria selenophomoides*

Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:

Chrysomyxa ledi var. *rhododendri*

BAHAMAS:

†*Diplodia epicocos*

†*Phakopsora gossypii*

Sphenospora kevorkianii

BELGIUM:

†*Coniothyrium aucubae*

Mycosphaerella schoenoprasii

Phyllosticta aucubicola

Pseudomonas marginalis

Septoria azaleae

BERMUDA:

Macrophoma oleandri

†*Papularia sphaerosperma*

†*Puccinia schedonnardii*

BRAZIL:

†*Curvularia geniculata*

Elsinoe australis

E. mangiferae

Heterodera cacti

Meloidogyne incognita acrita

Phoma citricarpa

†*Phyllosticta capitulensis*

†*Puccinia arachidis*

†*P. cyperi*

†*P. oncidii*

†*Septoria citri*

S. selenophomoides

Uredo behnickiana

U. epidendri

BRITISH GUIANA:

†*Sphaceloma spondiadis*

BRITISH HONDURAS:

Uredo epidendri

U. oncidii

BURMA:

†*Diplodia henriquesiana*

†*Volutina concentrica*

CANADA:

†*Aphysa rhynchosiae*

Chrysomyxa ledi var. *rhododendri*

†*Gotttholdsteineria goodii*

†*Heterodera punctata*

Heteropatella vattelinensis

Pratylenchus penetrans

CANAL ZONE:

†*Micropeptis orchidearum* (?)

Mycosphaerella cattleyae

Phyllachora canafistulae

†*Scolecopeltidium bakeri*

†*Uredo behnickiana*

U. epidendri

U. guacae

CHILE:

†*Cercospora palmicola*

Uromyces fabae

CHINA:

Phoma citricarpa

Xanthomonas citri

COLOMBIA:

Phyllachora engleri

Uromyces commelinae

COSTA RICA:

†*Echidnodes bromeliacearum*

†*Lembosia warszewicziae*

†*Leptosphaeria coffeigena*

COSTA RICA—Continued

†*Macrophoma cocos*

Septoria selenophomoides

Uredo epidendri

CUBA:

†*Coleosporium asterum*

†*Cytospora palmicola*

Helminthosporium torulosum

†*Marmor rosae*

Meloidogyne incognita acrita

M. javanica

Sphenospora kevorkianii

CZECHOSLOVAKIA:

†*Heterodera punctata*

†*Monilinia fructigena*

†*Pratylenchus pratensis*

DOMINICAN REPUBLIC:

†*Meloidogyne incognita acrita*

ECUADOR:

Cercospora angracae

†*Papularia vinosa*

†*Puccinia oncidii*

Sphenospora mera

ENGLAND:

†*Alternaria zinniae*

†*Aphelenchoides blastophthorus*

Ditylenchus dipsaci

Heterodera aeneae

H. punctata

H. rostochiensis

†*Marmor cucumeris*

Meloidogyne hapla

Phoma herbarum

†*Phoma welgeliae*

†*Sclerotinia candolleana*

Ustilago tritici

ENGLAND(?):

†*Phyllosticta hedericola*

FEDERATION OF MALAYA:

Phoma citricarpa

FINLAND:

†*Plowrightia virgultorum*

FORMOSA:

†*Dasturella divina*

Phoma citricarpa

FRANCE:

†*Ascochyta conorum*

Mycosphaerella schoenoprasii

Puccinia buxi

†*P. gentianae*

GERMANY:

†*Alternaria zinniae*

†*Atichia glomerulosa*

Dendrophoma obscurans

Ditylenchus destructor

†*Elsinoe piri*

Heterodera aeneae

H. cacti

H. rostochiensis

Hormiscium pinophyllum

Meloidogyne hapla

Mycosphaerella fragariae

†*Phoma nebulosa*

Puccinia striiformis

Uromyces fabae

†*Ustilago grandis*

GREECE:

Marssonina juglandis

†*Pseudomonas tonelliana*

GUAM:

†*Cytospora palmicola*

Diplodia epicocos

Phomopsis palmicola

GUATEMALA:

†*Cercospora purpurea*

†*Endomycosporium maculatum*

†*Helminthosporium torulosum*

†*Heterosporium alli*

Marmor rosae

Meloidogyne arenaria

Septoria selenophomoides

†*Spira cymbidii*

Uredo guacae

U. oncidii

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

HAITI:

†*Meloidogyne javanica*†*Uredo oncidii*

HAWAII:

*Metiolina haplochaeta**Phomopsis cocoes*†*Sphaerella gardeniae*(?)

HONG KONG:

*Phoma citricarpa**Xanthomonas citri*

INDIA:

*Septoria selenophomoides**Xanthomonas citri*

IRAN:

†*Puccinia striiformis*

IRELAND:

Heterodera avenae†*Puccinia antrrhini**Uromyces trifolii*

ITALY:

†*Ascochyta fabae*†*Chrysomyxa ledi* var. *rhododendri*†*Cytospora intermedia**Monilinia fructigena**Phoma samararium*†*Phomopsis pterophila*†*Puccinia violae**Septoria citri**S. nodorum*†*Stemphylium sarcinaeforme*

ITALY(?):

Anguina tritici

JAMAICA:

†*Asterina pulchella*†*Tylenchorhynchus capitatus*

JAPAN:

*Aphelenchoides fragariae**Cercospora kakti*†*Coniothecium scabrum*†*Coryneum triseptatum**Cylindrosporium camelliae**Fusarium oxysporum**Gymnosporangium haraeaeum**G. yamadai*†*Heterosporium allii**Meloidogyne arenaria**M. hapla**M. incognita**M. incognita acrita**M. javanica**Mycosphaerella schoenoprasii**Neovossia horrida*†*Peronospora schachtii**Phaeoseptoria oryzae**Phoma citricarpa**Puccinia hordei**P. horiana**P. longicornis*†*P. nakanishikii*†*P. poae-nemorialis**Pyrenochaeta oryzae*†*Pyrenophora graminea**Septoria citri**S. leucanthemi**S. oryzae*†*Stomiotipellis citri**Trematosphaerella oryzae**Xanthomonas citri*

JAPAN(?):

Phyllostictina musarum

KENYA:

Meloidogyne javanica

MEXICO:

†*Alternaria celosiae**Cercospora cyripedii*†*Coniothyria agaves*†*Coniothyrium insitivum**Ditylenchus dipsaci*†*Echidnodes dendrochili**Elsinoe mangiferae*

"Greasy spot"

*Helicotylenchus nannus**Heterodera caci**H. punctata*

See footnotes at end of this list.

MEXICO—Continued

*H. rostochiensis**Meloidogyne arenaria**M. incognita**M. incognita acrita**Mycosphaerella schoenoprasii*†*Phyllosticta coccolobae*†*Pleospora phragmospora**Pseudomonas tonelliana**Psilenchus hilarulus**Puccinia baccharidis**P. obtecta*†*Scolecopeltidium bakeri**Scutellonema brachyurum**Septoria selenophomoides**Sphaeloma punicea*†*Tranzschelia discolor**Tylenchorhynchus capitatus**Uredo behnickiana**U. nidularii*†*U. tillandsiae**Xiphinema americanum*

MOZAMBIQUE:

Phoma citricarpa

NETHERLANDS:

*Cumminsia mirabilissima**Diaporthe eres**Diplodina eurrhododendri**Ditylenchus dipsaci*†*Fusarium oxysporum* f. *phaseoli**Fusicoccum galericulatum*†*Karstenula philadelphi**Meloidogyne hapla**M. incognita acrita*†*Phomopsis velata**Sclerotopsis concava**Septoria azaleae**Volutella pachysandricola*

NEW ZEALAND:

*Cryptospora longispora**Heterodera caci**Macrophoma araucariae**Phoma citricarpa**Sphaeloma fawcettii* var. *scabiosa*

NICARAGUA:

Uredo behnickiana

NORFOLK ISLAND:

*Cryptospora longispora**Diaporthe eres**Macrophoma araucariae*

NORTHERN IRELAND:

Heterodera punctata†*Meloidogyne hapla*

NORWAY:

†*Monilinia fructigena*†*Pucciniastrum arcticum*

PAKISTAN:

Xanthomonas citri

PANAMA:

*Sphenospora keorikantii**Uredo guacae*†*U. oncidii*

PERU:

*Heterodera rostochiensis**Uredo guacae*†*U. oncidii*

PORTUGAL:

†*Coniothecium scabrum*†*Helicotylenchus nannus**Puccinia arenariae**Uromyces fabae*

PUERTO RICO:

Cercospora brachiata

SAIPAN:

Xanthomonas citri

SCOTLAND:

Heterodera punctata

SPAIN:

Heterodera rostochiensis†*Selenophoma domacis**Septoria citri*

SWITZERLAND:

Chrysomyxa ledi var. *rhododendri*

Countries of Origin and Diseases—Continued

SWITZERLAND—Continued

- †*Ditylenchus destructor*
- Heterodera cacti*
- †*Papularia sphaerosperma*
- †*Papulaspora rubida*
- †*Septoria raphidospora*

THAILAND:

- Phoma citricarpa*
- †*Physalospora wildemaniana*

TRINIDAD

- †*Haplosporella dracaenorum*
- †*Macrophoma anthurii*

TURKEY:

- †*Pleospora trichostoma*

UNION OF SOUTH AFRICA:

- †*Alternaria cucumerina*
- †*Contiothectum citri*
- Ditylenchus destructor*

UNION OF SOUTH AFRICA—Continued

- Heterosporium ornithogali*
- Phoma citricarpa*
- Pratylenchus penetrans*
- †*Puccinia obtecta*

UNION OF SOVIET SOCIALIST REPUBLICS:

- †*Cladosporium epiphyllum*
- †*Puccinia striiformis*

UNKNOWN:

- Elsinoe australis*
- †*Microstroma tonellianum*
- Phoma citricarpa*
- Phomopsis cocoes*
- Xanthomonas citri*

URUGUAY:

- Elsinoe australis*

YUGOSLAVIA:

- †*Chrysomyza ledi* var. *rhododendri*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

